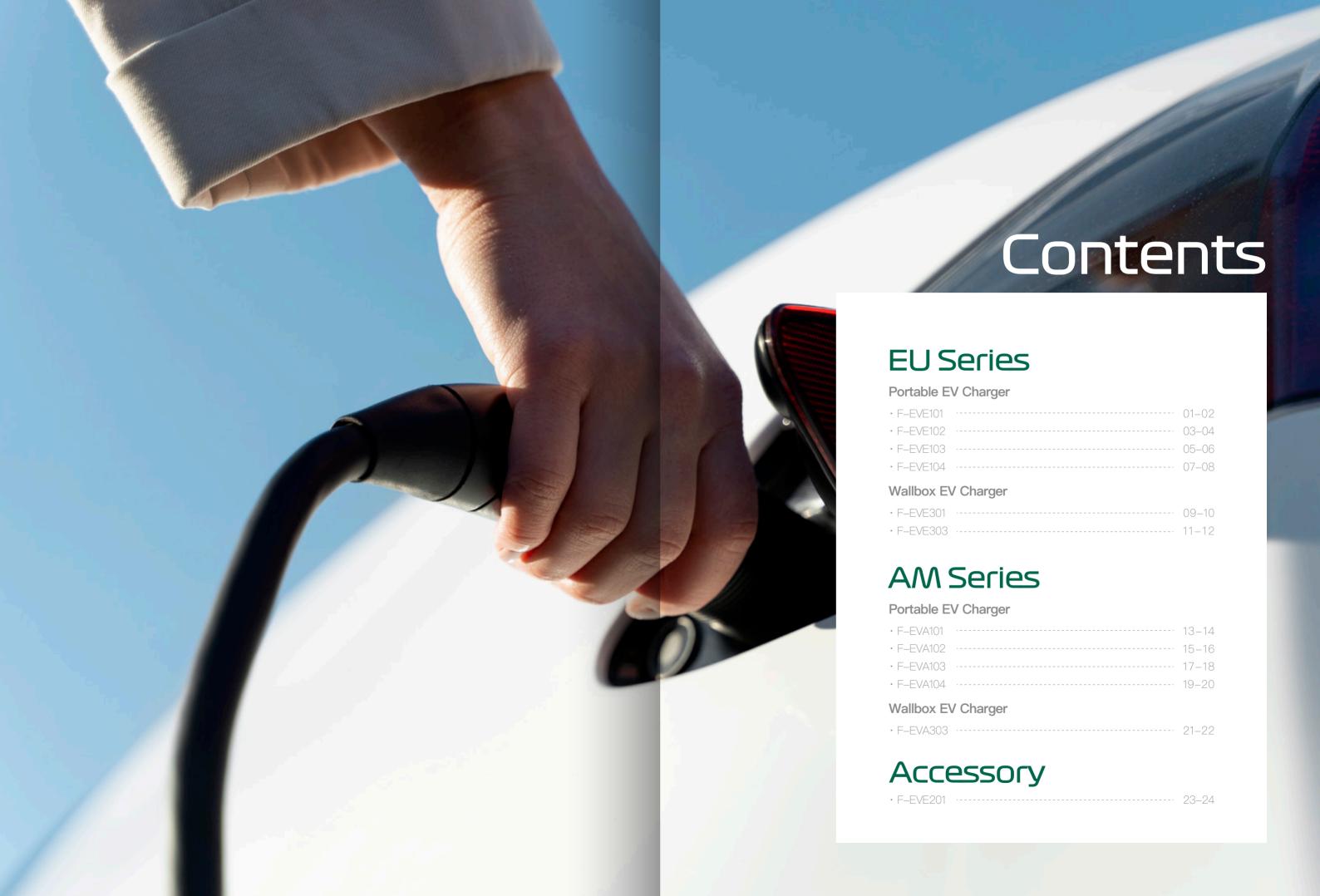
Fullwatt[®]

Ningbo Fullwatt New Energy Technology Co., Ltd No. 716 Yanhu Road, Yinzhou District, Ningbo China Tel: 0574–83028320, Fax: 86–574–88358076 E-mail: sales79@yusinglighting.com

© All Rights Reserved.





■ 01-02/Page





F-EVE101 EV Charger



AC DC Leakage Protection

Features





Built-in Chip Upgrade

Power regulation

IP66 rated for indoor/outdoor applications

Predictable charging



Model	F-EVE101-16A F-EVE101-32A			
Input				
Power Supply	1P+N	N+PE		
Phase	Single	Phase		
Rated Input Voltage [V]	AC	230		
Rated Current [A]	16 (13, 10 , 8 adjustable)	32 (16, 13, 10 adjustable)		
Output				
Output Voltage [V]	AC230			
Maximum Current [A]	16 (13, 10, 8 adjustable)	32 (16, 13, 10 adjustable)		
Rated Output Power [KW]	3.7(MAX)	7.4(MAX)		
Specification				
FIRE rating	UL9 ^a	4–V0		
Ingress Protection	IP55(Plug) / IPi	66(control box)		
Resistance Voltage [V]	Between L.N ar	nd PE, 2000AC		
Insulation resistance [M Ω]	>1000(E	DC500V)		
Cable specification	3*2.5mm²+1*0.5mm² 3*6mm²+1*0.5mm²			
Contact resistance [Ω]	<0).5		
Configuration				
Electric plug (to electricity)	16A Shuck o Plug 32A single-phase CEE Plug			
Output Connercter (to car)	TPU Cable + Type2 VEHICLE			
Cable Length	51	М		
Material	PC,	PA66		
Charging Status Indicator	Three co	plor LED		
Display of Charging Status	LCD			
Charging Mode	Plug in and charge			
Safety				
Protection	Overcurrent Protection, Ground Protection, Over/Uni	der Voltage Protection, Over Temperature Protection		
Ground fault detection	AC30mA+DC6mA			
Surge Protection	4kV @2500A			
Generation Information				
Installation	Port	able		
Operation Temperature	−30°C~50°C			
Storage temperature	-40°C~85°C			
Operation Humidity	5%~95%			
Operation Altitude[m]	<2000			
Warranty[year]	2 year			
Package Dimension(L*W*H) [mm]	395*395*4	435(4 PCS)		
Weight [kg]	4	.5		
Certification	CE, ROHS			

■ 03-04/Page





F-EVE102 EV Charger



Small Size Stable Performance

Features



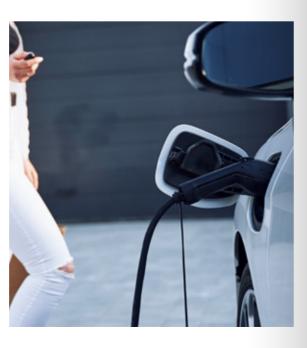
Dual temperature control protection



Abnormal grounding reminder



IP66 Rated For Indoor /Outdoor Applications



Model	F-EVE102-16A		
Input			
Power Supply	1P+N+PE		
Phase	Single Phase		
Rated Input Voltage [V]	AC 230		
Rated Current [A]	16A		
Output			
Output Voltage [V]	AC 230		
Maximum Current [A]	16A		
Rated Output Power [KW]	3.6(MAX)		
Specification			
FIRE rating	UL94-V0		
Ingress Protection	IP55(Plug) / IP66(control box)		
Resistance Voltage [V]	Between L.N and PE, 2000AC		
Insulation resistance [M Ω]	>5MQ, 500V DC 1min		
Cable specification	3*2.5mm²+1*0.5mm²		
Contact resistance ['\Omega]	<0.5		
Configuration			
Electric plug (to electricity)	16A Shuck o Plug		
Output Connercter (to car)	TPU Cable + Type2 VEHICLE		
Cable Length	5M		
Material	PC, PA66		
Charging Status Indicator	Three color LED		
Display of Charging Status	LED		
Charging Mode	Plug in and charge		
Safety			
Protection	Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection		
Ground fault detection	AC30mA+DC6mA		
Surge Protection	4kV @2500A		
Generation Information			
Installation	Portable		
Operation Temperature	-30°C~50°C		
Storage temperature	-40°C~85°C		
Operation Humidity	5%~95%		
Operation Altitude[m]	<2000		
Warranty[year]	2 year		
Package Dimension(L*W*H) [mm]	395*395*435(4 PCS)		
Weight [kg]	4.5		
Certification	TUV, CE, ROHS		

■ 05-06/Page





EV Charger



Features



Temperature monitoring



Automatically repair faults



IP66 rated for indoor/outdoor applications



Power regulation



LCD display screen



Provide Pro	Model	F-EVE103-16A F-EVE103-32A			
Prince Single Prisos Ruted Input Voltage [V]	Input				
Pated Input Voltage [V]	Power Supply	1P+1	N+PE		
Cutput AC2 (15, 13, 10 adjustable) 32 (16, 13, 10 adjustable) Cutput Voltage IV AC2 (16, 13, 10 adjustable) 32 (16, 13, 10 adjustable) Assention Current [A] 16 (13, 10 adjustable) 32 (16, 13, 10 adjustable) Assention Feet rating LLEA (VOLTAGE) Ingress Protection PESE rating LLEA (VOLTAGE) Ingress Protection PESE (Figure) PRESIDENTIAL DOLD Insulation or existance [M2] 3425 mm² +140.5mm² Cable specification 342.5mm² +140.5mm² 346mm² +140.5mm² Contract resistance [M2] 40.5 40.5 Contract resistance [M2] 50.5 40.5 Contract resistance [M2] 40.5 40.5 Coperation [M2] 50.5 40.5 Coperati	Phase	Single	Phase		
Output ACZ33 Maximum Current [A] 16 (13, 10 adjustable) 32 (16, 13, 10 adjustable) Rated Output Power [kiv] 3.71MAVQ 7.41MAVQ Specification FEFF rating U. 9.4-VD Impress Protection [P55(Pug)] / P96(control box) Resistance Voltage [V] Between I. N and FE_2000AC Insulation in resistance [MO] >10000DC500VJ Contact resistance [D] <0.5	Rated Input Voltage [V]	AC	230		
Dutput Voltage [V] AC230	Rated Current [A]	16 (13, 10 adjustable)	32 (16, 13, 10 adjustable)		
Medianum Current [A] 16 (13, 10 adjustable) 32 (16, 13, 10 adjustable) Peted Cutput Power (RW) 3.7(MAX) 7.4(MAX) Specification FPEF rating UL94-VO Impress Protection PESS/Pug) / IPSS/Control box Pessistance Voltage [V] Between LN and PE, 2000AC IPSS/Pug) / IPSS/Control box Context resistance (MC) > \$**Control resistance (MC) Context resistance (n) 3**Emm*+1*0.5mm* \$**Continguration Continguration TPU Cable + Type2 VEHCLE Cable per visit (Cable and Protection) TPU Cable + Type2 VEHCLE Cable and Assigne-Phase CEE Plug **Continguration Charge VEHCLE **Cable Assigne-Phase CEE Plug **Cable Assigne-Phase CEE Plug **Cable Assigne-Phase CEE Plug **Cable Assigne-Phase CEE Plug **Cable Assigne-Phase CEE P	Output				
Specification	Output Voltage [V]	AC230			
Pick Fating	Maximum Current [A]	16 (13, 10 adjustable)	32 (16, 13, 10 adjustable)		
FIRE rating	Rated Output Power [KW]	3.7(MAX)	7.4(MAX)		
Pesistance Voltage [V]	Specification				
Between LN and PE, 2000AC Insulation resistance [MC]	FIRE rating	UL9·	4-V0		
Saletion resistance [MO] S1000(DC500V)	Ingress Protection	IP55(Plug) / IP	66(control box)		
Contact resistance [tq]	Resistance Voltage [V]	Between L.N a	nd PE, 2000AC		
Configuration Electric plug (to electricity) 16A Shuck o Plug 32A single-phase CEE Plug Output Connercter (to car) TPU Cable + Type2 VEHICLE Cable Length 5M Meterial PC, PA66 Charging Status indicator Three color LED Display of Charging Status LCD Charging Mode Plug in and charg Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection ACGOMA+DC6mA Surge Protection Portable Operation Temperature Protection Operation Temperature30°C-50°C Storage temperature40°C-85°C Operation Altitude[m] - 2000 Warranty(year] 2 year Package Dimension(L+W+H) [mm] 396*396*435(4 PCS) Weight [bg] - 4.5	Insulatio n resistance [M Ω]	>1000(I	DC500V)		
Electric plug (to electricity) Electric plug (to electricity) 16A Shuck o Plug 32A single-phase CEE Plug Output Connercter (to car) TPU Cable + Type2 VEHICLE Cable Length 5M Material PC, PA66 Charging Status Indicator Three color LED Display of Charging Status LCD Charging Mode Plug in and charg Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection Surge Protection Operation Information Installation Operation Temperature Operation Humidity Operation Humidity Operation Altitude[m] Verranthy[vear] Package Dimension(L*W*H) [mm] Sage**395**435(4 PCS) Weight [kg] Has Shuck o Plug 32A single-phase CEE Plug 45D Altitude FULL Cable + Type2 VEHICLE Cable Length Altitude FULL Cable + Type2 VEHICLE FULL Cable FULL Cabl	Cable specification	3*2.5mm²+1*0.5mm²	3*6mm²+1*0.5mm²		
Electric plug (to electricity) 16A Shuck o Plug 32A single-phase CEE Plug Output Connercter (to car) TPU Cable + Type2 VEHICLE Cable Length 5M Meterial PC, PA66 Charging Status Indicator Display of Charging Status LCD Charging Mode Plug In and charg Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection Installation Portable Operation Information Installation Portable Operation Humidity Operation Humidity Storage temperature Operation Altitude[m] Varranty[year] Package Dimension(L*W*H) [mm] 15A Shuck o Plug TPU Cable + Type2 VEHICLE 3A Single-phase CEE Plug TPU Cable + Type2 VEHICLE AM TPU Cable + Type2 VEHICLE AM ACB ACB ACB ACB Three color LED ACB ACB ACB ACB Three color LED ACB ACB ACB ACB ACB Three color LED ACB ACB Three color LED ACB ACB Three color LED Th	Contact resistance ['Ω]	<(0.5		
Cable Length Cable Length Material PC, PA66 Cherging Status Indicator Display of Charging Status Charging Mode Plug in and charg Safety Protection Ground fault detection Ground fault detection Surge Protection Operation Information Installation Operation Temperature Operation Temperature Operation Humidity Operation Humidity Operation Altitude(m) Warranty(year) Package Dimension(L+W+H) [mm] Three color LED Three color LED LCD Charging Status LCD Plug in and charg AC30mA+DC6mA Pour Temperature Protection AC30mA+DC6mA AC30mA+DC6mA Burge Protection AC30mA+DC6mA Portable Operation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Altitude(m) -2000 Warranty(year) 2 year Package Dimension(L+W+H) [mm] 395°495°435(4 PCS)	Configuration				
Cable Length 5M Material PC, PA66 Charging Status Indicator Three color LED Display of Charging Status LCD Charging Mode Plug in and charg Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection AC30mA+DC6mA Surge Protection Information Portable Operation Information Portable Operation Temperature -30°-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Electric plug (to electricity)	16A Shuck o Plug	32A single-phase CEE Plug		
Material PC, PA66 Charging Status Indicator Three color LED Display of Charging Status LCD Charging Mode Plug in and charg Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Ceneration Information Installation Portable Operation Temperature Storage temperature Coperation Humidity 5%-95% Operation Altitude[m] <2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Output Connercter (to car)	TPU Cable + Type2 VEHICLE			
Charging Status Indicator Display of Charging Status Charging Mode Plug in and charg Safety Protection Ground fault detection Ground fault detection Surge Protectton Cheration Information Installation Operation Temperature Storage temperature Operation Humidity Operation Altitude[m] Verround Fault detection Swara Surge Protection Academ Aca	Cable Length	5	М		
Display of Charging Status Charging Mode Plug in and charg Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection AC30mA+DC6mA Surge Protection Installation Portable Operation Temperature Operation Temperature -30°C-50°C Storage temperature Operation Humidity S%-95% Operation Altitude[m] Warranty[year] Package Dimension(L*W*H) [mm] Weight [kg] AE30 Plug in and charg Poltage Folion (Nover Temperature Protection AC30mA+DC6mA AC30	Material	PC,	PA66		
Charging Mode Plug in and charg Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000	Charging Status Indicator	Three o	olor LED		
Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] 42000 Warranty[year] Package Dimension(L+W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Display of Charging Status	LCD			
Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Charging Mode	Plug in and charg			
Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature −30°C~50°C Storage temperature −40°C~85°C Operation Humidity 5%-95% Operation Altitude[m] <2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Safety				
Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000	Protection	Overcurrent Protection, Ground Protection, Over/Ur	Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection		
Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg]	Ground fault detection	AC30mA+DC6mA			
Installation Portable Operation Temperature -30°C~50°C Storage temperature -40°C~85°C Operation Humidity 5%~95% Operation Altitude[m] <2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Surge Protection	4kV @2500A			
Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000	Generation Information				
Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000	Installation	Port	table		
Operation Humidity 5%~95% Operation Altitude[m] <2000	Operation Temperature	−30°C~50°C			
Operation Altitude[m] <2000	Storage temperature	-40°C			
Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Operation Humidity	5%~			
Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Operation Altitude[m]	<20	000		
Weight [kg] 4.5	Warranty[year]	2 y			
	Package Dimension(L*W*H) [mm]	395*395*4	435(4 PCS)		
Certification CE, TUV, ROHS	Weight [kg]	4	.5		
	Certification	CE, TUV, ROHS			

■ 07-08 / Page

EV Charger Series ©





EV Charger



Features



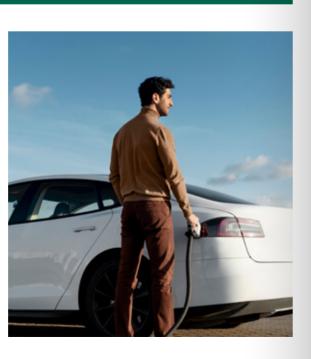




IP66 rated for indoor/outdoor applications

Current Regulation

Appointment Charging



Model	F-EVE104-16A		
Input			
Power Supply	3P+N+PE		
Phase	Three Phase		
Rated Input Voltage [V]	AC380		
Rated Current [A]	16 (13, 10, 8 adjustable)		
Output			
Output Voltage [V]	AC380		
Maximum Current [A]	16 (13, 10 , 8 adjustable)		
Rated Output Power [KW]	11KW		
Specification			
FIRE rating	UL94-V0		
Ingress Protection	IP55(Plug) / IP66(control box)		
Resistance Voltage [V]	Between L.N and PE, 2000AC		
Insulation resistance [M Ω]	>5MQ, 500V DC 1min		
Cable specification	5*6mm²+1*0.5mm²		
Contact resistance [\Omega]	<0.5		
Configuration			
Electric plug (to electricity)	16A CEE Plug		
Output Connercter (to car)	TPU Cable + EU Type2 Plug		
Cable Length	5M		
Material	PC,PA66		
Charging Status Indicator	Three color LED		
Display of Charging Status	LCD		
Charging Mode	Plug in and charge		
Safety			
Protection	Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection		
Ground fault detection	AC30mA+DC6mA		
Surge Protection	4kV @2500A		
Generation Information			
Installation	Portable		
Operation Temperature	−30°C~50°C		
Storage temperature	-40°C~85°C		
Operation Humidity	5%~95%		
Operation Altitude[m]	<2000		
Warranty[year]	2 year		
Package Dimension(L*W*H) [mm]	395*395*435(4 PCS)		
Weight [kg]	5.3		
Certification	CE, ROHS		

■ 09-10 / Page





F-EV301 EV Charger



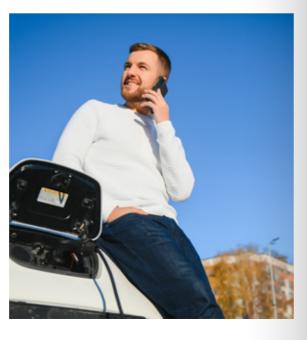
Supports Bluetooth Connectivity

Features









Model	F-EVE301-32A		
Input			
Power Supply	1P+N+PE		
Phase	Single Phase		
Rated Input Voltage [V]	AC230		
Rated Current [A]	32		
Output			
Output Voltage [V]	AC230		
Maximum Current [A]	32		
Rated Output Power [KW]	7.4(MAX)		
Specification			
FIRE rating	UL94-V0		
Ingress Protection	P55		
Resistance Voltage [V]	Between L.N and PE, 2000AC		
Insulation resistance [M Ω]	>1000MΩ(DC500V)		
Cable specification	3*6+1*0.5		
Contact resistance ['\Omega]	<0.5Ω		
Configuration			
Electric plug (to electricity)	32A single-phase CEE Plug		
Output Connercter (to car)	TPU Cable + Type2 VEHICLE		
Cable Length	5m		
Material	PC,PA66		
Charging Status Indicator	Three color LED		
Charging Mode	Plug in and charge		
Safety			
Protection	Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection		
Ground fault detection	AC30mA+DC6mA		
Surge Protection	4kV @2500A		
Generation Information			
Installation	Wall Mounted/Column		
Operation Temperature[°C]	_30°C~55°C		
Storage temperature[°C]	-40°C~85°C		
Operation Humidity	5%-95%		
Operation Altitude[m]	<2000m		
Warranty[year]	2 year		
Package Dimension(L*W*H) [mm]	567*472*135 (1 PCS)		
Weight [kg]	5.57		
Certification	CE, ROHS		

■ 11-12/Page

EV Charger Series ©





F-EV303 EV Charger



Better Leakage Protection (AC DC)

Features



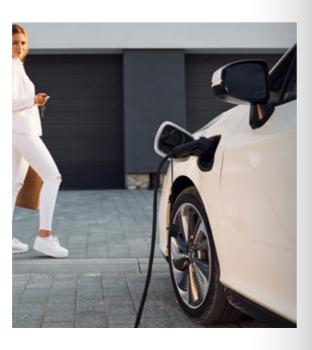
OCPP 1.6 Json standard protocol



Plug and play, supporting APP Bluetooth WiFi connection, and card swiping charging



IP66 dustproof and waterproof design



Model	F-EVE303-32A F-EVE303-16A			
Input				
Power Supply	1P+N+PE			
Phase	Single Phase			
Frequency	601	HZ		
Rated Input Voltage [V]	AC230	AC380		
Rated Current [A]	32	16		
Output				
Output Voltage [V]	AC230 AC380			
Maximum Current [A]	32	16		
Rated Output Power [KW]	7.4(MAX)	11(MAX)		
Specification				
FIRE rating	UL94	I-V0		
Ingress Protection	IP55(Plug) / IP6	66(control box)		
Resistance Voltage [V]	Between L.N an	nd PE, 2000AC		
Insulation resistance [M Ω]	>1000(D	OC500V)		
Cable specification	3*6mm²+1*0.5mm²	5*2.5mm ² +1*0.5mm ²		
Contact resistance ['\Omega]	<0.4	5Ω		
Configuration				
Electric plug (to electricity)	32A single-phase CEE Plug	16A three-phase CEE plug		
Output Connercter (to car)	TPU Cable + Type2 VEHICLE			
Cable Length	5m			
Material	Plastic PC 940			
Charging Status Indicator	Three color LED			
Charging Mode	Plug&Play/RFID/NFCJAPP			
Safety				
Protection	Overcurrent Protection, Ground Protection, Over/Under Voltage Protection Over Temperature Protection, Current Regulation, Support Timed Charging			
Ground fault detection	AC30mA+DC6mA			
Leakage Current Protection	CCID20			
Surge Protection	4kV @2500A			
Generation Information				
Installation	Wall-mount/Pole-mount(Optional)			
Operation Temperature[°C]	_30°C-50°C			
Storage temperature[°C]	−40°C~85°C			
Working Humidity	5%-9	95%		
Operation Altitude[m]	<200	00m		
Warranty[year]	2 уе	ear		
Package Dimension(L*W*H) [mm]	395*395*43	5mm(1 PCS)		
Weight [kg]	6			
Certification	CE			

■ 13-14/Page

EV Charger Series ©





F-EVA101 EV Charger



AC DC Leakage Protection

Features



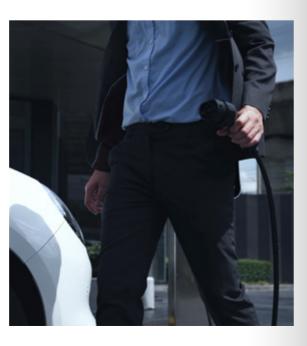


Built-in Chip Upgrade

Power regulation

P66 IP66 rated for indoor/outdoor applications

Predictable charging



Model	F-EVA101-16A F-EVA101-32A				
Input					
Power Supply	1P+N+PE				
Phase	Single	Phase			
Rated Input Voltage [V]	AC110	0~240			
Rated Current [A]	16 (13, 10 , 8 adjustable)	32 (13, 10 , 8 adjustable)			
Output					
Output Voltage [V]	AC110~240				
Maximum Current [A]	16 (13, 10 , 8 adjustable)	32 (13, 10 , 8 adjustable)			
Rated Output Power [KW]	3.8KW(MAX)	7.6KW(MAX)			
Specification					
FIRE rating	UL9	4–V0			
Ingress Protection	IP55(Plug) / IF	P66(control box)			
Resistance Voltage [V]	Between L.N a	and PE, 2000AC			
Insulation resistance [M Ω]	>1000(DC500V)			
Cable specification	3*10AWG	S+1*18AWG			
Contact resistance [\Omega]	<0.5				
Configuration					
Electric plug (to electricity)	5-15P/6-20P Plug	14-50P Plug			
Output Connercter (to car)	TPU Cable +Type1 VEHICLE				
Cable Length	5M				
Material	PC , PA66				
Charging Status Indicator	Three color LED				
Display of Charging Status	L	CD			
Charging Mode	Plug in and charge				
Safety					
Protection	Overcurrent Protection, Ground Protection, Over/Under Voltage Protection Over Temperature Protection, Current Regulation, Support Timed Charging				
Ground fault detection	AC30mA+DC6mA				
Surge Protection	4kV @2500A				
Generation Information					
Installation	Portable				
Operation Temperature	-30°C~50°C				
Storage temperature	-40°C~85°C				
Operation Humidity	5%-95%				
Operation Altitude[m]	<2000				
Warranty[year]	2 year				
Package Dimension(L*W*H) [mm]	395*395*435(4 PCS)				
Weight [kg]	4.5				
Certification	ROHS				

■ 15-16/Page

EV Charger Series ©





F-EVA102 EV Charger



Small Size Stable Performance

Features



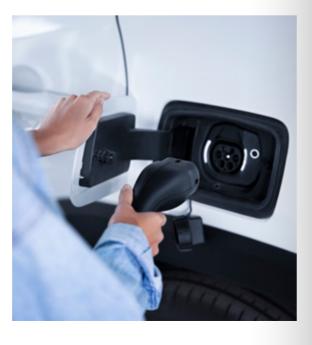
Dual temperature control protection



Abnormal grounding reminder



IP66 Rated For Indoor / Outdoor Applications



Prover Supply 19-Ni-FE	Model	F-EVA102-16A		
Protect Single Phose Ruted Input Voltage [V] ACHIO~940 Pathed Current [A] 16A Output Voltage [V] Modernum Current [A] 36A Pathed Output Power [KW] 38A Specification FRE rating ULD4-V0 Protection PSSEPILLy) PepControl box) Passistance Voltage [V] Between ALL and PE, 2000AC Insulation mesterance [MO] > 5MD, 500V DC Imin Coldie specification 3 X MAWGH IX 18/WG Configuration 3 X MAWGH IX 18/WG Electric play (to electricity) Output Cornertor (to car) TPU Cable — Typer VPHCLE Colsie Largeh 5M Metheral PC, PAGE Charging Status Indicator Tree color LED Display of Charging Status ELED Charging Status Indicator Pug hand drange Specification Protection Corner Tomperature Protection, Ground Protection, Cover/Under Voltage Protection, Cover Temperature Protection and ACRIONALDERNA Specification	Input			
Pated Input Vottage IV ACTIO240	Power Supply	1P+N+PE		
Peter Current (AT 16A 16	Phase	Single Phase		
Output Votage [V] ACTIO~240 Meximum Current [A] 16A Island Cultur Power (RVV) 3.8 (MAXI) Specification FEET rating (LL.04-VO) Resistance Votage [V] Releasem L.N and FE_2000AC Insulation resistance [MO] > 5MD_ 500V DC Imm Cable appointation 3.1 (AMMG+1X 18AMG) Contact resistance [D] > 5MD_ 500V DC Imm Cable appointation 3.1 (AMMG+1X 18AMG) Contect resistance [D] > 5MD_ 500V DC Imm Cable appointation 3.1 (AMMG+1X 18AMG) Contect resistance [D] > 5MD_ 500V DC Imm Cable appointation 17 (AMMG+1X 18AMG) Contect resistance [D] > 5MD_ 500V DC Imm Cable (AMMG+1X 18AMG) > 5MD_ 500V DC Imm Cable (AMMG+1X 18A	Rated Input Voltage [V]	AC110~240		
Output Voltage [V] ACTIO~240 Meximum Current [A] 16A Based Output Power [NoV] 3.8 (MXX) Specification U.9.4~VO PRISE rating U.9.4~VO Ingress Protection (IP56/Pug) / (P66/control box) Resistance Voltage [V] Between L. N. and PE_2000AC Insulation resistance [MX] > 5MO_500V DC Imin Cable spoothoation 3.3 14AWGa1 X. 19AWGa Contact resistance [D] 40.5 Contact resistance [D] Desprise (Pug) (treat exists) F10 (contractor) Desprise (Treat exists) LED Charging Status Indicator Three color LED Desprise (Pug) Status LED Charging Status LED Charging Status LED Charging Status Indicato	Rated Current [A]	16A		
Medianum Current [A] 16A Peted Cutput Power (RW) 3.8 (MAX) Specification FPEFrating UL94-VO Ingress Protection PESIPING / IPER(control box) Pesistance Voltage (VI) Determen LN and PE, 2000AC Insulation resistance (IQI) > SMD, 500V DC Imm Contact resistance (IQI) A 3.1 AAWAGH X 18-BWG Contact resistance (IQI) A 5.5 Configuration Filter (In) Alg (In) electricity) FISP/6-20P Plug Configuration Fisher (In) Age of Electricity) FISP/6-20P Plug Configuration Material FISP/6-20P Plug Configuration B M Material FISP/6-20P Plug Charging Status Indicator Three color LED Display of Charging Status (In) Charging Status (In) </td <td>Output</td> <td></td>	Output			
Pated Output Power [KW] 3.8 (MAX)	Output Voltage [V]	AC110~240		
PRE rating	Maximum Current [A]	16A		
FIRE rating UL94-V0 Ingress Protection PESE(Plug) / IPSE(control box) Pesistance Voltage (V) Between LN and PE, 2000AC Insulation resistance (MΩ) 55MΩ, 500V DC Imin Cable specification 3 x IAAW(3+1 x ISAW(3) Contact resistance [Ω]	Rated Output Power [KW]	3.8 (MAX)		
Pesistance Voltage [V]	Specification			
Between LN and PE, 2000AC Insulation resistance [MO] >5MO, 500V DC train Cable specification 3 X 14AWG+1 X 18AWG Contact resistance [n] <0.5 Configuration Electric plug (to electricity) 5-15P/6-20P Plug Output Connercter (to car) TPU Cable + Typet VEHICLE Cable Length 5M Material PC, PA66 Charging Status Indicator Three color LED Display of Charging Status Charging Mode Plug in and charge Specification Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection 4kV @2500A Generation Information Installation Portable Operation Temperature -40°C-85°C Operation Hunkidity 5%-95% Operation Altitude[m] 4.5 Weight [kg] 4.5 Weight [kg] Weight [kg] 4.5 Operation Service 1.5 MO Operation L**WH+1 [mm] 395*395*435(4 PCS) Weight [kg] 4.5 Operation Material Altitude[m] 4.5 Operation Material Altitude[m] 4.5 Operation Material Altitude[m] 4.5 Operation Altitude[m] 4.5 Operat	FIRE rating	UL94-V0		
Insulation resistance [MO] > SMΩ, 500V DC Imin Cable specification 3 X HAWG+1 X IBAWG Contact resistance [tt] <0.5	Ingress Protection	IP55(Plug) / IP66(control box)		
Contact resistance [tq] does not contact resistance res	Resistance Voltage [V]	Between L.N and PE, 2000AC		
Configuration Electric plug (to electricity) 5-15P/6-20P Plug Output Connercter (to car) TPU Cable + Type1 VEHICLE Cable Length 5M Meterial PC , PA66 Charging Status Indicator Three color LED Display of Charging Status LED Charging Mode Plug in and charge Specification Protection Overournent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Portable Installation Portable Operation Temperature -30°C-60°C Storage temperature -40°C-85°C Operation Altitude[m] <2000	Insulation resistance [M Ω]	>5MQ, 500V DC 1min		
Electric plug (to electricity) Cutput Connercter (to car) Cable Length Sim Material PC , PA66 Charging Status Indicator Display of Charging Status Charging Mode Pug in and charge Specification Protection Coveroument Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection Surge Protection Poperation Information Installation Operation Humidity Operation Humidity Operation Altitude[m] Veranthy[vear] Package Dimension(L*W*H) [mm] Selection TEU Cable + Type1 VEHICLE THE STATE ASSISTED Plug THE Cable + Type1 VEHICLE The Cable + Type1	Cable specification	3 X 14AWG+1 X 18AWG		
Electric plug (to electricity) Output Connercter (to car) Output Connercter (to car) TPU Cable + Type1 VEHICLE Cable Length Material PC , PA66 Charging Status Indicator Display of Charging Status LED Charging Mode Plug in and charge Specification Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection Forestion Information Installation Operation Temperature Storage temperature Operation Humidity Operation Altitude[m] Verranty[year] Package Dimension(L*W*H) [mm] Syst*195*495*435(4 PCS) Weight [kg]	Contact resistance ['\Omega]	<0.5		
Cutput Connercter (to car) Cable Length EM Material PC , PA66 Cherging Status Indicator Display of Charging Status Charging Mode Plug in and charge Specification Protection Cround fault detection Ground fault detection Surge Protection Cheration Information Installation Operation Temperature Coperation Humidity Operation Altitude[m] Varranty[year] Package Dimension(L+W+H) [mm] EM EM PC , PA66 FIND For pa66 Protection Cround Protection, Over/Under Voltage Protection, Over Temperature Protection AC30mA+DC6mA AC30mA+DC6mA AC30mA+DC6mA Portable Operation Information Installation Portable Operation Temperature -40°C-85°C Operation Altitude[m] AC30mA+DC6mA Surge Protection Portable Operation Humidity Sw-95% Operation Altitude[m] AC30mA+DC6mA AC30mA+DC	Configuration			
Cable Length Material PC , PA66 Charging Status Indicator Display of Charging Status Charging Mode Plug in and charge Specification Protection Cround fault detection Ground fault detection Surge Protection Chereation Information Installation Operation Temperature Storage temperature Operation Humidity Operation Altitude[m] Vercurent Protection Sign Protection Portable Operation Altitude[m] Vercurent Protection Sign Protection AC30mA+DC6mA AC30mA+DC6	Electric plug (to electricity)	5-15P/6-20P Plug		
Material PC , PA66 Charging Status Indicator Three color LED Display of Charging Status LED Charging Mode Plug in and charge Specification Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC8mA Surge Protection 4kV @2500A Generation Information Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000 Warranty(year) 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Output Connercter (to car)	TPU Cable + Type1 VEHICLE		
Charging Status Indicator Display of Charging Status LED Charging Mode Plug in and charge Specification Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC8mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity Sw-95% Operation Altitude[m] 4c2000 Warranty[year] Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg]	Cable Length	5M		
Display of Charging Status Charging Mode Plug in and charge Specification Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection AC30mA+DC6mA Surge Protection Installation Portable Operation Temperature Operation Temperature Storage temperature Operation Humidity Operation Altitude[m] Verranty[year] Package Dimension(L*W*H) [mm] Surge Protection LED Plug in and charge Protection, Over Temperature Protection AC30mA+DC6mA AC30mA+DC6mA AC30mA+DC6mA AC30mA+DC6mA AC30mA+DC6mA AC30mA+DC6mA AC4000A AV @2500A Portable -90°-50°C Storage temperature -40°C-85°C Operation Altitude[m] -2000 Verranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS)	Material	PC,PA66		
Charging Mode Plug in and charge Specification Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000	Charging Status Indicator	Three color LED		
Specification Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] 42000 Warranty[year] Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Display of Charging Status	LED		
Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humicity 5%-95% Operation Altitude[m] -2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Charging Mode	Plug in and charge		
Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Specification			
Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000	Protection	Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection		
Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg]	Ground fault detection	AC30mA+DC6mA		
Installation Portable Operation Temperature -30°C~50°C Storage temperature -40°C~85°C Operation Humidity 5%~95% Operation Altitude[m] <2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Surge Protection	4kV @2500A		
Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000	Generation Information			
Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000	Installation	Portable		
Operation Humidity 5%~95% Operation Altitude[m] <2000	Operation Temperature	−30°C~50°C		
Operation Altitude[m] <2000	Storage temperature	-40°C~85°C		
Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Operation Humidity	5%~95%		
Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Operation Altitude[m]	<2000		
Weight [kg] 4.5	Warranty[year]	2 year		
	Package Dimension(L*W*H) [mm]	395*395*435(4 PCS)		
Certification CE/FCC	Weight [kg]	4.5		
	Certification	CE/FCC		

■ 17-18/Page

EV Charger Series ©





F-EVA103 EV Charger



Features



Temperature monitoring



Automatically repair faults



IP66 rated for indoor/outdoor applications



Power regulation



LCD display screen



Prover Supply SPHVFE	Power Supply	Model	F-EVA103-16A F-EVA103-32A			
Prece Single Phase Rend Input Voltage V ACTIO~210 Patied Current [A]	Prise	Input				
Rated rout Voltage [V]	Reted Input Vottage [V]	Power Supply	1P+N+PE			
Pated Current [A] 16 (13, 10, 8 adjustable) 32 (13, 10, 8 adjustable) 2 (13, 10, 8 adjustable) 3 (13, 10, 8 adjustable) 3 (16, 13, 10 adjustable) 3 (16, 13,	Peterd Current [A]	Phase	Single	Phase		
Output Curput Voltage IV AC110~240 Maximum Current [A] 16 (13, 10, 8 adjustable) 32 (16, 13, 10 adjustable) Pated Output Power [kW] 3,8 (MWX) 7,6 (MWX) Specification Ingress Protection UE94-VO Resistance Voltage [V] Behveren L.N and PE, 2000AC Insulation resistance [MQ] >5MO, 500V DC Imin Cable appositication 3 X MAWG+1 X 18AWG 3 X 10AWG+1 X 18AWG Contact resistance [n] <0.5	Output Output ACTIO=240 Active Voltage IVI ACTIO=240 Meximum Current (A) 16 (13, 10, 8 adjustable) 32 (16, 13, 10 adjustable) Filter Active 38 (MAX) 7,6 (MAX) Specification 0.19,4-V0 19,5 (MAX) Ingress Protoction IPES(Plug) / IPES(central box) Resistance Voltage IVI Between L.N and PE, 2000AC Insulation resistance (MD) > 2MD, 500V DC train Cable specification 3 X 14AWG+1 X 18AWG 3 X 10AWG+1 X 18AWG Contract melatures I/OI < 0.5	Rated Input Voltage [V]	AC110	~240		
Output Voltage [V] AC110~240 Maximum Current [A] 16 (13.10, 8 adjustable) 32 (16, 13.10 adjustable) PRoted Output Power [RW] 3.8(MAX) 7.6(MAX) Specification FPIE rating U.94~V0 Ingress Protection IPS6(Plug) / IP68(control box) Resistance Voltage [V] Between LN and PE, 2000AC Insulation resistance [MQ] > SMO, 500V DC train Cable specification 3 X 14/WG+1 X 18/WG 3 X 10/WG+1 X 18/WG Contact resistance [Q] <0.5 Contiguration Configuration TPU Cable + Type1 VEHICLE Coble Length 5 TPV Cable + Type1 VEHICLE Cable Length 5M TPU Cable + Type1 VEHICLE Cable Length 5MO TPU Cable	ACTIO-240	Rated Current [A]	16 (13, 10 , 8 adjustable)	32 (13, 10 , 8 adjustable)		
Maximum Current [A] 16 (13, 10, 8 adjustable) 32 (16, 13, 10 adjustable) Pated Output Power [kW] 3.8 (MAX) 7.8 (MAX) Specification FIRE rating U.94-V0 Ingress Protection (P55(Plug) / P66(control bow) Resistance Voltage [V] Between L.N and PE, 20004C Insulation resistance (MO) > SMO, 500V DC train Cable specification 3 X 14AWG+1 X 18AWG 3 X 10AWG+1 X 18AWG Contact resistance [Q] 	Maximum Current [A]	Output				
Specification	Rated Cutput Power [KW] 3.8 (MAX) 7.8 (MAX)	Output Voltage [V]	AC110~240			
Specification	Specification PRE: rating	Maximum Current [A]	16 (13, 10 , 8 adjustable)	32 (16, 13, 10 adjustable)		
PRE rating	PRE-rating	Rated Output Power [KW]	3.8(MAX)	7.6(MAX)		
Ingress Protection IP55(Plug) / IP66(control box) Resistance Voltage [V] Between L.N and PE, 2000AC Insulation resistance [MΩ] >5MΩ, 500V DC 1min Cable specification 3 x 14AWG+1 x 18AWG 3 x 10AWG+1 x 18AWG Contact resistance [τΩ] < 0.5 Configuration Electric plug (to electricity) 5-15P/6-20P Plug 14-50P Plug Output Connercter (to car) TPU Cable + Type1 VEHICLE Cable Length 5M Material PC , PA66 Charging Status Indicator Three color LED Display of Charging Status LCD Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature Operation Temperature Operation Humidity 5%-65%	Ingress Protection	Specification				
Resistance Voltage [V] Between LN and PE, 2000AC Insulation resistance [MΩ] >5MΩ, 500V DC 1min Cable specification 3 X 14AWG+1 X 18AWG 3 X 10AWG+1 X 18AWG Contact resistance [Ω] <0.5	Resistance Voltage [V]	FIRE rating	UL9 ^a	4–V0		
Safety Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection Overcurrent P	Insulation resistance [MO]	Ingress Protection	IP55(Plug) / IPi	66(control box)		
Cable specification 3 X 14AWG+1 X 1BAWG 3 X 10AWG+1 X 1BAWG Contact resistance [0] 3 X 10AWG+1 X 1BAWG ADVANCE STORY Configuration Electric plug (to electricity) 5-15P/6-20P Plug 14-50P Plug Output Connercter (to car) TPU Cable + Type1 VEHICLE Cable Length 5M Material PC , PA66 Charging Status Indicator Three color LED Display of Charging Status LCD Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC8mA Surge Protection Ac30mA+DC8mA Surge Protection Portable Operation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95%	Cable specification 3 X 14AWG+1 X 18AWG 3 X 10AWG+1 X 18AWG Contact resistance [n]	Resistance Voltage [V]	Between L.N ar	nd PE, 2000AC		
Configuration Electric plug (to electricity) 5-15P/6-20P Plug 14-50P Plug 14-50P Plug Output Connercter (to car) TPU Cable + Type1 VEHICLE Cable Length 5M Material PC , PA66 Charging Status Indicator Three color LED Display of Charging Status LCD Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection Surge Protection AC30ma+DC6mA Surge Protection Portable Operation Information Installation Portable Operation Temperature -30°-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95%	Configuration Electric plug (to electricity) Cutput Connercter (to car) Cutput Connercter (to car) Cable Length Meterial Charging Status indicator Display of Charging Status Charging Mode Plug in and charge Safety Protection Ground fault detection Surge Protection Generation Information Installation Operation Humidity Operation Altitude[m] Operation (L*W*+1) [mn] Pockage Dimension(L*W*+1) [mn] Safety Policy (Larging Mode) ALSOP Plug 144–50P Plug 145–50P Plug 145–50P Plug 146–50P Plug 147–50P Plug 148–50P Plug 158–50P Plug 158–	Insulation resistance [M Ω]	>5MΩ, 50	00V DC 1min		
Electric plug (to electricity) 5-15P/6-20P Plug 14-50P Plug Output Connercter (to car) TPU Cable + Type1 VEHICLE Cable Length 5M Material PC , PA66 Charging Status Indicator Display of Charging Status Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature Operation Humidity 5-40°C-95%	Configuration	Cable specification	3 X 14AWG+1 X 18AWG	3 X 10AWG+1 X 18AWG		
Electric plug (to electricity) Output Connercter (to car) TPU Cable + Type1 VEHICLE Cable Length 5M Material PC , PA66 Charging Status Indicator Display of Charging Status Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection Surge Protection Overcurrent Protection Portable Operation Information Installation Operation Temperature -30°C-50°C Storage temperature Operation Humidity 5M TPU Cable + Type1 VEHICLE 144–50P Plug 145–6 144–60P 144	Electric plug (to electricity) Cutput Connercter (to car) TPU Cable + Type1 VEHICLE Cable Length SM Material PC , PAG6 Charging Status Indicator Display of Charging Status LCD Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection Generation Information Installation Operation Temperature — 30°C-50°C Storage temperature Operation Humidity Operation Altitude[m] Veranty[vear] Package Dimension(L+WM+I) [mm] 395*395*435(4 PCS) Weight [kg]	Contact resistance [Ώ]	<0	0.5		
Output Connercter (to car) TPU Cable + Type1 VEHICLE Cable Length 5M Material PC , PA66 Charging Status Indicator Three color LED Display of Charging Status LCD Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection Ac40wA+DC6mA Surge Protection Installation Operation Information Installation Operation Temperature -30°C-50°C Storage temperature Operation Humicity 5%-95%	Cutput Connercter (to car) Cable Length Material PC , PA66 Charging Status Indicator Display of Charging Status Charging Mode Plug in and charge Safety Protection Covercurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection Surge Protection Ceneration Information Installation Operation Temperature -30°C-50°C Storage temperature Operation Humidity Sware Operation Altitude[m] Varranty[year] Package Dimension(L+W+H) [mm] Three color LED Three color LED LCD Charging Mode Plug in and charge Real Charging Mode Plug in and charge Protection, Over/Under Voltage Protection, Over Temperature Protection AC30mA+DC6mA 44V @2500A Generation Information Portable -30°C-50°C Storage temperature -40°C-85°C Operation Altitude[m] 42000 Warranty[year] Package Dimension(L+W+H) [mm] 395*395*435(4 PCS) Weight [kg]	Configuration				
Cable Length Material PC , PA66 Charging Status Indicator Display of Charging Status LCD Charging Mode Plug in and charge Safety Protection Ground fault detection Ground fault detection Surge Protection Generation Information Installation Operation Temperature Storage temperature Operation Humidity 5 M PC , PA66 LCD PC , PA66 LCD Plug in and charge Safety Protection, Over/Under Voltage Protection, Over Temperature Protection AC30mA+DC6mA 4kV @2500A Portable -30°C-50°C Storage temperature -40°C-85°C Operation Humidity	Cable Length Material PC , PA66 Charging Status Indicator Three color LED Display of Charging Status LCD Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection Installation Portable Operation Temperature -30°C-50°C Storage temperature Operation Humicity Sw-95% Operation Altitude[m] Varranty[year] Package Dimension(L*W*H) [mm] Sy 395*435(4 PCS) Weight [kg]	Electric plug (to electricity)	5-15P/6-20P Plug	14-50P Plug		
Material PC , PA66 Charging Status Indicator Three color LED Display of Charging Status LCD Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection Akv @2500A Generation Information Installation Portable Operation Temperature Operation Temperature -30°C-50°C Storage temperature Operation Humidity 5%-95%	Material PC , PA66 Charging Status Indicator Three color LED Display of Charging Status LCD Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Output Connercter (to car)	TPU Cable + Type1 VEHICLE			
Charging Status Indicator Display of Charging Status Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection Akt/@2500A Generation Information Installation Operation Temperature Operation Temperature -30°C-50°C Storage temperature Operation Humidity Three color LED LCD Plug in and charge Plug in and charge Protection, Over /Under Voltage Protection, Over Temperature Protection AC30mA+DC6mA Portable -30°C-50°C Storage temperature -40°C-85°C Operation Humidity	Charging Status Indicator Display of Charging Status LCD Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC8mA Surge Protection AkV @2500A Generation Information Installation Operation Temperature -30°C-50°C Storage temperature Operation Humidity Operation Altitude[m] Varranty[year] Package Dimension(L*W*H) [mm] Weight [kg] AC30mA+DC8mA AC30mA+DC	Cable Length	5M			
Display of Charging Status Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection Generation Information Installation Portable Operation Temperature Coperation Temperature Operation Humidity LCD Plug in and charge AC30mA+DC6mA AC30mA+DC6mA Surge Protection, Over Temperature Protection AC30mA+DC6mA Fortable -30°C-50°C Storage temperature -40°C-85°C Operation Humidity	Display of Charging Status Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection Akt/ @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature Operation Humidity Stw-95% Operation Altitude[m] Varranty[year] Package Dimension(L*W*H) [mm] 395*395*435(4 PCs) Weight [kg]	Material	PC,PA66			
Charging Mode Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection AC4W @2500A Generation Information Installation Portable Operation Temperature Coperation Temperature Coperation Humidity Operation Humidity	Charging Mode Plug in and charge Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Charging Status Indicator	Three color LED			
Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95%	Safety Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] -2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Display of Charging Status	LCD			
Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95%	Protection Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Charging Mode	Plug in and charge			
Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Installation Portable Operation Temperature Storage temperature Operation Humidity AC30mA+DC6mA AkV @2500A	Ground fault detection AC30mA+DC6mA Surge Protection 4kV @2500A Generation Information Portable Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Safety				
Surge Protection Generation Information Installation Operation Temperature Storage temperature Operation Humidity 4kV @2500A Portable -30°C-50°C -40°C-85°C 5%-95%	Surge Protection 4kV @2500A Generation Information Portable Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000	Protection	Overcurrent Protection, Ground Protection, Over/Und	der Voltage Protection, Over Temperature Protection		
Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95%	Generation Information Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000	Ground fault detection	AC30mA+DC6mA			
Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%~95%	Installation Portable Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%~95% Operation Altitude[m] <2000 Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Surge Protection	4kV @2500A			
Operation Temperature -30°C-50°C Storage temperature -40°C-85°C Operation Humidity 5%-95%	Operation Temperature -30°C~50°C Storage temperature -40°C~85°C Operation Humidity 5%~95% Operation Altitude[m] <2000	Generation Information	_			
Storage temperature -40°C-85°C Operation Humidity 5%~95%	Storage temperature -40°C-85°C Operation Humidity 5%-95% Operation Altitude[m] <2000	Installation	Port	able		
Operation Humidity 5%~95%	Operation Humidity 5%-95% Operation Altitude[m] <2000	Operation Temperature	−30°C~50°C			
4000000	Operation Altitude[m] <2000	Storage temperature	-40°C-85°C			
	Warranty[year] 2 year Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Operation Humidity	5%~95%			
Operation Altitude[m] <2000	Package Dimension(L*W*H) [mm] 395*395*435(4 PCS) Weight [kg] 4.5	Operation Altitude[m]	<2000			
Warranty[year] 2 year	Weight [kg] 4.5	Warranty[year]	2 year			
Package Dimension(L*W*H) [mm] 395*395*435(4 PCS)		Package Dimension(L*W*H) [mm]	395*395*4	135(4 PCS)		
Weight [kg] 4.5	Certification CE/FCC	Weight [kg]	4	.5		
Certification CE/FCC		Certification	CE/FCC			

■ 19-20 / Page

EV Charger Series ©





F-EVA104 EV Charger



9.6KW High-power Fast Charging

Features



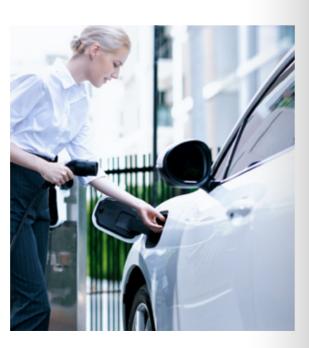


B-type leakage protection

IP66 rated for indoor/outdoor applications

Current Regulation

Appointment Charging



Model	F-EVA104-40A		
Input			
Power Supply	11P+N+PE		
Phase	Single Phase		
Rated Input Voltage [V]	AC240		
Rated Current [A]	40 (16,13,10 adjustable)		
Output			
Output Voltage [V]	AC240		
Maximum Current [A]	40 (16,13,10 adjustable)		
Rated Output Power [KW]	9.6(MAX)		
Specification			
FIRE rating	UL94-V0		
Ingress Protection	IP55(Plug) / IP66(control box)		
Resistance Voltage [V]	Between L.N and PE,2000AC		
Insulation resistance [M Ω]	>1000(DC500V)		
Cable specification	2 X 8AWG + 1 X 10AWG + 1 X 16AWG		
Contact resistance ['\Omega]	<0.5		
Configuration			
Electric plug (to electricity)	14-50P Plug		
Output Connercter (to car)	TPU Cable +Type1 VEHICLE		
Cable Length	5M		
Material	PC ,PA66		
Charging Status Indicator	Three color LED		
Display of Charging Status	LCD		
Charging Mode	Plug in and charge		
Safety			
Protection	Overcurrent Protection, Ground Protection, Over/Under Voltage Protection, Over Temperature Protection		
Ground fault detection	AC30mA+DC6mA		
Surge Protection	4kV @2500A		
Generation Information			
Installation	Portable		
Operation Temperature[°C]	−30°C~50°C		
Storage temperature[°C]	-40°C-85°C		
Operation Humidity	5%~95%		
Operation Altitude[m]	<2000		
Warranty[year]	2 year		
Package Dimension(L*W*H) [mm]	395*395*435(4 PCS)		
Weight [kg]	4.5		
Certification	CE,ROHS		

■ 21-22/Page

EV Charger Series ©





F-EVA303

EV Charger



OCPP 1.6 Json standard protocol



Better Leakage Protection (AC DC)

Features



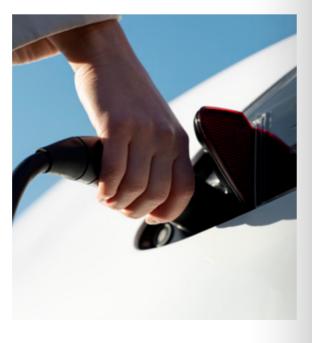
ULCertification



Plug and play, supporting APP Bluetooth WiFi connection, and card swiping charging



IP66 dustproof and waterproof design



Model	F-EVA303-40A	
Input	_	
Power Supply	1P+N+PE	
Phase	Single Phase	
Frequency	60HZ	
Rated Input Voltage [V]	AC240	
Rated Current [A]	40	
Output		
Output Voltage [V]	AC240	
Maximum Current [A]	40	
Rated Output Power [KW]	9.6(MAX)	
Specification		
FIRE rating	UL94-V0	
Ingress Protection	IP55(Plug) / IP66(control box)	
Resistance Voltage [V]	Between L.N and PE,2000AC	
Insulation resistance [M Ω]	>1000MQ(DC500V)	
Cable specification	2*8AWG + 1*10AWG + 1*16AWG	
Contact resistance ['\Omega]	<0.5Ω	
Configuration		
Electric plug (to electricity)	NEMA 14-50P	
Output Connercter (to car)	TPU Cable + Type1 VEHICLE	
Cable Length	5m	
Material	Plastic PC 940	
Charging Status Indicator	Three color LED	
Charging Mode	Plug&Play/RFID/NFCJAPP	
Safety		
Protection	Overcurrent Protection, Ground Protection, Over/Under Voltage Protection Over Temperature Protection, Current Regulation, Support Timed Charging	
Ground fault detection	AC30mA+DC6mA	
Leakage Current Protection	CCID20	
Surge Protection	4kV @2500A	
Generation Information		
Installation	Wall-mount/Pole-mount(Optional)	
Operation Temperature[°C]	−30°C~50°C	
Storage temperature[°C]	-40°C~85°C	
Working Humidity	5%~95%	
Operation Altitude[m]	<2000m	
Warranty[year]	2 year	
Package Dimension(L*W*H) [mm]	395*395*435mm(1 PCS)	
Weight [kg]	6	
Certification	UL/FCC/Energy Star	

■ 23-24 / Page EV Charger Series ©







Features







Model	F-EVE201-16-1 F-EVE201-32-1 F-EVE201-16-3 F-EVE201-32-3			
Input				
Power Supply	1P+N	I+PE	3P+1	N+PE
Phase	single	Phase	Three	Phase
Rated Input Voltage [V]	AC220 AC380			380
Rated Current [A]		16/	32A	
Output				
Output Voltage [V]	AC2	220	AC:	380
Maximum Current [A]	16	32	16	32
Rated Output Power [KW]	3.7(MAX)	7.4(MAX)	11(MAX)	22(MAX)
Specification				
FIRE rating		UL9	4-V0	
Ingress Protection		IF	P55	
Resistance Voltage [V]	Between L.N and PE, 2000VAC			
Insulation resistance [M Ω]	>1000(DC500V)			
Cable specification	3*2.5mm² 3*6mm² 5*2.5mm² 5*6mm²			5*6mm²
Contact resistance [\Omega]		<	0.5	
Configuration				
Electric plug (to pile)		TPU Cable +	EU Type2 Plug	
Output Connercter (to car)		TPU Cable +	Type2 Vehicle	
Cable Length		Ę	ōm	
Material		PC,	PA66	
Ingress Protection	IP55			
Generation Information				
Operation Temperature[°C]	- 30~50			
Storage temperature	-40~85			
Operation Humidity	5%~95%			
Operation Altitude[m]	<2000			
Warranty[year]	2			
Package Dimension(L*W*H) [mm]	395*395*435 (4 PCS)			
Weight [kg]	5			
Certification	CE, TUV, CB, UKCA, ROHS			