

Fullwatt®

Fullwatt®

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EV
Charger
Series



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EU Series

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AM Series

Portable EV Charger

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F-EVE101
EV Charger



AC DC Leakage Protection

Features

-  Excellent industrial design brings pleasant user experience.
-  LCD display screen
-  Built-in Chip Upgrade
-  Power regulation
-  IP66 rated for indoor/outdoor applications
-  Predictable charging



Technical Data

Model	F-EVE101-16A	F-EVE101-32A
Input		
Power Supply	1P+N+PE	
Phase	Single Phase	
Rated Input Voltage [V]	AC230	
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	UL94-V0	
Ingress Protection	IP55(Plug) / IP66(control box)	
Resistance Voltage [V]	Between L-N and PE, 2000AC	
Insulation resistance [MΩ]	>1000(DC500V)	
Cable specification	3*2.5mm ² +1*0.5mm ²	3*6mm ² +1*0.5mm ²
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	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]	4.5	
Certification	CE, ROHS	



F-EVE102
EV Charger



Small Size
Stable Performance

Features



Dual temperature control protection



Abnormal grounding reminder



IP66 Rated For Indoor /Outdoor Applications



Technical Data

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 [MΩ]	>5MΩ, 500V DC 1min
Cable specification	3*2.5mm ² +1*0.5mm ²
Contact resistance [Ω]	<0.5
Configuration	
Electric plug (to electricity)	16A Schuko Plug
Output Connector (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








F-EVE103
EV Charger



Predictable Charging

Features

-  Temperature monitoring
-  Automatically repair faults
-  IP66 rated for indoor/outdoor applications
-  Power regulation
-  LCD display screen



Technical Data

Model	F-EVE103-16A	F-EVE103-32A
Input		
Power Supply	1P+N+PE	
Phase	Single Phase	
Rated Input Voltage [V]	AC230	
Rated Current [A]	16 (13, 10 adjustable)	32 (16, 13, 10 adjustable)
Output		
Output Voltage [V]	AC230	
Maximum Current [A]	16 (13, 10 adjustable)	32 (16, 13, 10 adjustable)
Rated Output Power [KW]	3.7(MAX)	7.4(MAX)
Specification		
FIRE rating	UL94-V0	
Ingress Protection	IP55(Plug) / IP66(control box)	
Resistance Voltage [V]	Between L-N and PE, 2000AC	
Insulation resistance [MΩ]	>1000(DC500V)	
Cable specification	3*2.5mm ² +1*0.5mm ²	3*6mm ² +1*0.5mm ²
Contact resistance [Ω]	<0.5	
Configuration		
Electric plug (to electricity)	16A Schuko Plug	32A single-phase CEE Plug
Output Connector (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 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	CE, TUV, ROHS	



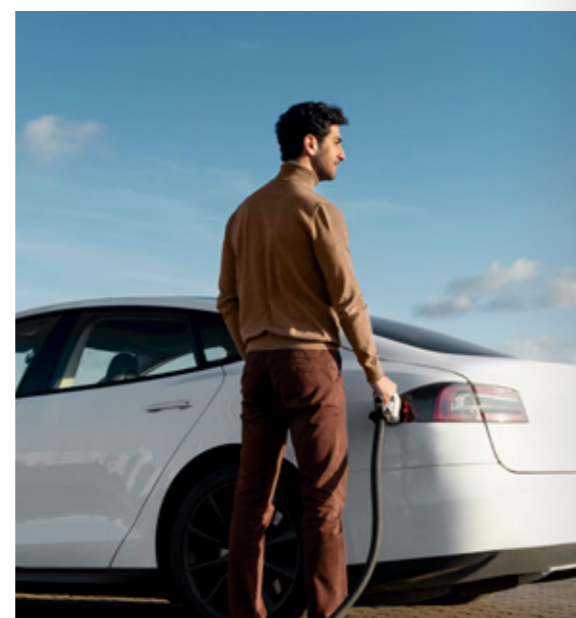
F-EVE104
EV Charger



**11kw High-power
Fast Charging**

Features

-  Multiple colors for people's aesthetic
-  LCD display screen
-  B-type leakage protection
-  IP66 rated for indoor/outdoor applications
-  Current Regulation
-  Appointment Charging



Technical Data

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 [MΩ]	>5MΩ, 500V DC 1min
Cable specification	5*6mm ² +1*0.5mm ²
Contact resistance [Ω]	<0.5
Configuration	
Electric plug (to electricity)	16A CEE Plug
Output Connector (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






F-EV301
EV Charger



Supports Bluetooth
Connectivity

Features

-  Multiple protection. High reliability
-  Selectable authentication mode
-  User-defined Charging Mode



Technical Data

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 [MΩ]	>1000MΩ(DC500V)
Cable specification	3*6+1*0.5
Contact resistance [Ω]	<0.5Ω
Configuration	
Electric plug (to electricity)	32A single-phase CEE Plug
Output Connector (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






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



Technical Data

Model	F-EVE303-32A	F-EVE303-16A
Input		
Power Supply	1P+N+PE	
Phase	Single Phase	
Frequency	60HZ	
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-V0	
Ingress Protection	IP55(Plug) / IP66(control box)	
Resistance Voltage [V]	Between L,N and PE, 2000AC	
Insulation resistance [MΩ]	>1000(DC500V)	
Cable specification	3*6mm ² +1*0.5mm ²	5*2.5mm ² +1*0.5mm ²
Contact resistance [Ω]	<0.5Ω	
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/NFC/JAPP	
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	CE	



AM Series

F-EVA101
EV Charger



AC DC Leakage Protection

Features

-  Excellent industrial design brings pleasant user experience.
-  LCD display screen
-  Built-in Chip Upgrade
-  Power regulation
-  IP66 rated for indoor/outdoor applications
-  Predictable charging



Technical Data

Model	F-EVA101-16A	F-EVA101-32A
Input		
Power Supply	1P+N+PE	
Phase	Single Phase	
Rated Input Voltage [V]	AC110~240	
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	UL94-V0	
Ingress Protection	IP55(Plug) / IP66(control box)	
Resistance Voltage [V]	Between L-N and PE, 2000AC	
Insulation resistance [MΩ]	>1000(DC500V)	
Cable specification	3*10AWG+1*18AWG	
Contact resistance [Ω]	<0.5	
Configuration		
Electric plug (to electricity)	5-15P/6-20P Plug	14-50P Plug
Output Connector (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, 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	




 **AM Series**

F-EVA102
EV Charger



**Small Size
Stable Performance**

Features

-  Dual temperature control protection
-  Abnormal grounding reminder
-  IP66 Rated For Indoor /Outdoor Applications



Technical Data

Model	F-EVA102-16A
Input	
Power Supply	1P+N+PE
Phase	Single Phase
Rated Input Voltage [V]	AC110~240
Rated Current [A]	16A
Output	
Output Voltage [V]	AC110~240
Maximum Current [A]	16A
Rated Output Power [KW]	3.8 (MAX)
Specification	
FIRE rating	UL94-V0
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
Contact resistance [Ω]	<0.5
Configuration	
Electric plug (to electricity)	5-15P/6-20P Plug
Output Connector (to car)	TPU Cable + Type1 VEHICLE
Cable Length	5M
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+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	CE/FCC






 **AM Series**

F-EVA103
EV Charger



Predictable Charging

Features

-  Temperature monitoring
-  Automatically repair faults
-  IP66 rated for indoor/outdoor applications
-  Power regulation
-  LCD display screen



Technical Data

Model	F-EVA103-16A	F-EVA103-32A
Input		
Power Supply	1P+N+PE	
Phase	Single Phase	
Rated Input Voltage [V]	AC110~240	
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 (16, 13, 10 adjustable)
Rated Output Power [KW]	3.8(MAX)	7.6(MAX)
Specification		
FIRE rating	UL94-V0	
Ingress Protection	IP55(Plug) / IP66(control box)	
Resistance Voltage [V]	Between L-N and PE, 2000AC	
Insulation resistance [MΩ]	>5MΩ, 500V DC 1min	
Cable specification	3 X 14AWG+1 X 18AWG	3 X 10AWG+1 X 18AWG
Contact resistance [Ω]	<0.5	
Configuration		
Electric plug (to electricity)	5-15P/6-20P Plug	14-50P Plug
Output Connector (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	-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	CE/FCC	



 **AM Series**

F-EVA104
EV Charger



**9.6KW High-power
Fast Charging**

Features

-  Multiple colors for people's aesthetic
-  LCD display screen
-  B-type leakage protection
-  IP66 rated for indoor/outdoor applications
-  Current Regulation
-  Appointment Charging



Technical Data

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 [MΩ]	>1000(DC500V)
Cable specification	2 X 8AWG + 1 X 10AWG + 1 X 16AWG
Contact resistance [Ω]	<0.5
Configuration	
Electric plug (to electricity)	14-50P Plug
Output Connector (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



 **AM Series**

F-EVA303
EV Charger






OCPP 1.6 J2013
standard protocol



Better Leakage
Protection (AC DC)

Features

-  UL Certification
-  Plug and play, supporting APP Bluetooth WiFi connection, and card swiping charging
-  IP66 dustproof and waterproof design



Technical Data

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 [MΩ]	>1000MΩ(DC500V)
Cable specification	2*8AWG + 1*10AWG + 1*16AWG
Contact resistance [Ω]	<0.5Ω
Configuration	
Electric plug (to electricity)	NEMA 14-50P
Output Connector (to car)	TPU Cable + Type1 VEHICLE
Cable Length	5m
Material	Plastic PC 940
Charging Status Indicator	Three color LED
Charging Mode	Plug&Play/RFID/NFC/JAPP
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



F-EVA201
EV Charger



**Ergonomic Design For
Comfortable Grip And
Easy Insertion And Removal**



Features

- TPU** Cable Tpu Material
Sun Resistant And Durable
- IP55** IP55 dustproof and waterproof grade
fearless of dust and rain and snow weather



Technical Data

Model	F-EVE201-16-1	F-EVE201-32-1	F-EVE201-16-3	F-EVE201-32-3
Input				
Power Supply	1P+N+PE		3P+N+PE	
Phase	single Phase		Three Phase	
Rated Input Voltage [V]	AC220		AC380	
Rated Current [A]	16/32A			
Output				
Output Voltage [V]	AC220		AC380	
Maximum Current [A]	16	32	16	32
Rated Output Power [KW]	3.7(MAX)	7.4(MAX)	11(MAX)	22(MAX)
Specification				
FIRE rating	UL94-V0			
Ingress Protection	IP55			
Resistance Voltage [V]	Between L,N and PE, 2000VAC			
Insulation resistance [MΩ]	>1000(DC500V)			
Cable specification	3*2.5mm ²	3*6mm ²	5*2.5mm ²	5*6mm ²
Contact resistance [Ω]	<0.5			
Configuration				
Electric plug (to pile)	TPU Cable + EU Type2 Plug			
Output Connercter (to car)	TPU Cable + Type2 Vehicle			
Cable Length	5m			
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			