

Outdoor Power F-ES304









HOT

Fast Charging



Features

-  Support AC quick charging
1.5h from 0%SOC to 100%SOC
-  Support 2* 100w type C output
-  Better current quality, lower harmonic ratio
-  >2000 LiFePO₄ cell, > 2000 cycle life
-  Supporting max. 2 times overload
-  Can serve as UPS, switching time less than 10ms

Technical Data

Model	F-ES304-06	F-ES304-10
AC Input		
Rated Input Power [W]	500	800
Rated Input Voltage [V]	110/220	
Input Voltage Range [V]	90-140/180-260	
Rated Input Frequency [Hz]	60/50	
Frequency Range [Hz]	55-65/45-55	
Power Factor (@max. charging power)	>0.99	
DC Input		
Max. Car Charging Port Input Power [W]	120	
Max. Solar Input Power [W]	200	
Input Voltage Range [V]	10-30	
Max. DC/Solar Input Current [A]	10/10	
AC Output		
Rated Output Power [W]	600	1000
Peak Power [W]	1800	3000
Rated Output Voltage [V]	110/220	
Rated Output Frequency [Hz]	50/60	
Rated Output Current [A]	5.5/2.7	9/4.5
Max. Output Current [A]	16.4/8.2	27/13.5
Harmonic Ratio	<1.5%	
DC Output		
USB A (x1)	12.5W, 5V/2.5A	
QC3.0 (x2)	28W, MAX. 12V/2.4A	
Type C (x2)	100W, MAX 20V/5A	
Max. Car Charger Output [W]	136W, 13.6V/10A	
Max. DC Output (x2)	136W, 13.6V/10A	
Battery		
Battery Type	LiFePO ₄	
Nominal Capacity [Wh]	672	1008
Rated Voltage [V]	22.5	
Rated Charging/Discharging Current [A]	25A/30A	36A/45A
Max. Discharging Current [A]	30A	45A
Cyclife (@25°C/1C)	>2000	
Other Functions		
LED	3W	
Wireless Charging [W]	10	
Battery to AC Efficiency	93%	
AC to Battery Efficiency	92%	
Protections	Short Circuit, Overload, Over Temperature, Over Voltage, Over Current, Low Voltage	
General Information		
Operation Temperature [°C]	-10°C to 45°C	
Operation Humidity	20-95%RH	
Cooling Mode	Fan Cooling	
Noise [dB]	<65 dB	
Static Loss	<10 W	
Ingress Protection Rating	IP20	
Weight [kg]	9.5KG	11.1KG
Dimensions (W*H*D) [mm]	340*272*198	
Certifications	CE,FCC,MSDS,PSE, UN38.3	