

Lithium-ion Battery Charger

48V 50A / 100A / 150A / 200A / 400A



Specifications

Model	QC48-50	QC48-100	QC48-150	QC48-200	QC48-400
DC Output					
Rated Output Voltage (Vdc)	48 V				
Output Power	3 KW	6 KW	9 KW	12 KW	24 KW
Output Voltage Range (Vdc)	5-60 V	20-60 V	20-60 V	20-60 V	20-60 V
Output Current	50 A	100 A	150 A	200 A	200 + 200 A
AC Input					
Input Voltage (Vac)	110 / 230 V (90 ~ 264 V), L+N+PE		380 / 480 V (303 ~ 530 V), 3L + PE		
Input Frequency Range	47-63 Hz				
Rated Input Current	16 A	30 A	15 A	18 A	36 A
Electrical					
Conversion Efficiency	≥95%				
Load Regulation	±5 % @ 10 ~ 100 % Load				
Voltage Accuracy	±0.5 % +0.2 % FS				
Current Accuracy	±1 % +0.2 % FS				
Time Accuracy	≤ ±10 s/24h				
BMS Charging	DC 12 / 24 V, 3A Max (Optional)				
Communication					
LCD Touch Screen	Yes				
RS485	Yes				
RS232	Yes				
CAN	Yes				
WiFi	Optional				
Safety And Warranty					
Protection Function	OVP - Over Voltage Protection, OCP - Over Current Protection, OPP - Over Power Protection, OTP - Over Temperature Protection, UVP - Under Voltage Protection, SCP - Short Circuit Protection, RPP - Reverse Polarity Protection, Automatic Stop After Fully Charged				
Work/Storage Temperature and Humidity	Work: -20 ~ 70 °C (-4 ~ 158 °F), 20-90 % RH, Power drop when over 50 °C(122 °F) Storage: -40 ~ 85 °C (-40 ~ 185 °F), 10-95 % RH				
Warranty	2 Years				
MTBF	80,000 H				
Certificates	CE, RoHS, IEC				
Mechanical					
Connector Type	REMA / Anderson / Customized				
Cooling	Force Air Cooling with Fans				
Dimensions	410 * 175 * 180 mm (16.14 * 6.89 * 7.09 inch)	535 * 220 * 400 mm (21.06 * 8.66 * 15.75 inch)			420 * 440 * 930 mm (16.54 * 17.32 * 36.61 inch)
Weight	8 kg (17.64 lbs)	17 kg (37.48 lbs)			42 kg (92.59 lbs)

1. All specifications shown above are subject to change during products improving at any time without prior notice.

2. For other chargers not listed above, customization is also available.