

Lithium-ion Battery Charger

80V 50A / 100A / 150A / 200A / 400A



Specifications

Model	QC80-50	QC80-100	QC80-150	QC80-200	QC80-400
DC Output					
Rated Output Voltage (Vdc)	80 V				
Output Power	5 KW	10 KW	15 KW	20 KW	40 KW
Output Voltage Range (Vdc)	30-100 V	30-100 V	20-100 V	20-100 V	20-100 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	25 A	15 A	23 A	30 A	60 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	535 * 220 * 400 mm (21.06 * 8.66 * 15.75 inch)				420 * 440 * 930 mm (16.54 * 17.32 * 36.61 inch)
Weight	17 ka (37.48 lbs)				48 ka (105.82 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.