



Specifications - ESC-RM-5.25/48

Rated Energy	5250WH (@50A at 25C) Discharge from 58.8V to 42V with 50A
Max Charge Voltage	58.8V.DC
Voltage Min Discharge Voltage	≥48V 42V
Charge Current	Standard Charge: 50A Max Charge: 100A
Discharge Current	Standard Discharge: 50A Max Discharge: 100A Maximum Pulse Current: 150A
Operating Temperature	Charging: -10°C ~ 55°C Discharging: -20°C~ 60°C
Impedance	≤8mΩ (AC Impedance, 1000 Hz 48V@25±3°C)
Max Qty of Module in Parallel Connection	≤15 Sets
Cycle Life	≥50000 Cycles with 50A at 20°C
Storage Temperature / Humidity	-20°C ~ + 60°C / ≤70%
Support for Inverter Models	Victron, Pylon, SMA,
Safety Test	Insulation Resistance: ≥50MΩ
Dimensions	Length: ≤650mm Width : ≤432mm Height : ≤160mm
Weight	About 112 Lbs.

