

Specifications

PARAMETERS	RED-R2-16KLV
Nominal Voltage	51.2 VDC
Max Voltage	58.4VDC
Min Voltage	46.4VDC
DC Power	4.6kW
Nominal Capacity	16000Wh
Usable Capacity	15200 Wh
Depth of discharge	95%
Dimensions HxWxD	(970 ± 3) * (413 ± 2) * (243±2) mm
Weight	127kg
Recommended Charge/Discharge Current	100A ¹
Max. continuous Charge/Discharge Current	100A ¹
Communication	RS485, CAN, RS232
Configuration	16S
Working Temperature Charging	5°C - 55°C
Working Temperature Discharging	-20°C - 55°C
Storage Temperature	-20°C -45°C(1 month) 0°C -35°C(1 year)
Cooling type	Natural
Protective class	I
IP rating of enclosure	IP65
Humidity	5% - 95%(RH) No Condensation
Altitude	<2000m
Certification	CB, CE-LVD, CE-EMC
Warranty duration	10 years
Warranted Min/max temperature	-20°C -55°C
Warranted throughput	3.65MWh/kWh
Country of origin	China
Warranted usable capacity at 10 years	70 %
Reference standards	IEC62619, IEC62040-1, IEC61000-6-1, IEC61000-6-3

¹ The charge and discharge currents are derated when the cell internal temperature is outside the nominated working temperature. The internal temperatures may be greater or lesser than ambient temperature.

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