

SPECIFICATIONS

R9 51.2V 220Ah 11.2kWh	
Model	R9 220Ah
Battery Type	LiFePO ₄
Battery Capacity	220Ah
Power Capacity	11.2kWh
Voltage	
Nominal	51.2V
Float Charge	54.5V
Absorption Charge	55.5V
Current	
Maximum Charge/Discharge	100/150A
DoD	100%
Weight & Dimensions	
Dimensions per Battery (LxWxH)	530mm x 442mm x 170mm
Weight per Battery	63.2kg
BMS Dimensions (LxWxH)	282mm x 442mm x 46mm
BMS Weight	3.6kg
Total Weight	130 kg
Temperature	
at Charging	0 - 45°C
at Discharging	-10 - 45°C
Other	
Enclosure Protection	IP10
Design Cycle Life	7000
Access Interface	CAN Bus
Compatible Inverters	All leading inverter brands
Storage Conditions	15 - 25°C at 50% SoC (charge every 6 months)
Warranty	10 years / 3500 cycles