

TECHNICAL DATA

Battery Lithium Series

51.2V 5.12 kWh



HYBRID INVERTER WITH BACK-UP MODE



MAXIMUM CUSTOMER SATISFACTION



TECHNICAL DATA

Model	Battery Lithium Series 51.2V 5.12kWh
Electrical data	
Rated Capacity	5.12 kWh
Nominal Capacity	100 Ah
Recommended charge/discharge current	50 A
Nominal voltage	51.2 V
Voltage operating range	44.8 – 57.6 V
Cycle Lyfe	>=6000
Recommended C Rate	0.5C
Depth of Discharge (DoD)	90%
Physical data	
Weight	44 kg
Dimensions	481 x 535 x 140 mm
Protection class	IP20
Battery Type	LiFePO4
Operation data	
Peak charge/discharge current	100A (15s)
Max. charge/discharge current	75A
Charging Temp. Range	0°C – 55°C
Discharging Temp. Range	-20°C – 55°C
BMS	
Max. Efficiency	< 100 μ A
Monitoring parameters	System voltage and current, Cell voltage and temperature
Communication	CAN/RS-485/RS-232
Compatibility	
Inverters	Turbo/SMA/Victron/Ingeteam/Delios/Goodwe/Solis/Deye/SAJ/Voltronic/Sungrow
Max parallel units	50
Certification	
Certificates	UN-38.3/CE-EMC/IEC-62619



CAUTION: READ THE INSTRUCTION AND INSTALLATION MANUAL BEFORE USING THE PRODUCT

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The specifications of the data sheet can be changed without prior notice.

