



# BATTERY

## Lithium Series Pro 5.1kWh



Plug & Play



Long-life lithium-ion batteries



Maximum Customer Satisfaction



# TECHNICAL DATA

## Electrical Data

Rated Capacity	5.12kWh
Usable capacity	4.6 kWh
Depth of Discharge (DoD)	90%
Rated voltage	51.2V
Voltage operating range	43.2-57V
Life cycle	≥6000

## General Data

Weight	95 lbs
Dimensions	1.45 x 1.58 x 0.46 ft
Protection class	IP20
Battery type	LiFePO4

## Operational Data

Maximum charge/discharge current	100A (1C)
Charge/discharge current	50A (0.5C)
Charge temperature range	0-50°C
Discharge temperature range	-20 – 50°C
Humidity	5%-95%
Maximum operational altitude	<4000m

## BMS

Energy consumption	<100 μ A
Monitoring parameters	System voltage and current, cell voltage and temperature
Communication	CAN y RS485

## Compatibility

Inverters	Turbo Energy Hybrid Split Phase Series 10.0, Turbo Energy Hybrid Series 5.0/10.0, Deye, Growatt, Sol-Ark, SMA, Solis, Voltronic, SRNE
Max. Parallel uniits	64

## Certificates

Certificates	CE, EMC, TUV (IEC 62619), UL 1973, UL9540A
Transportation	UN38.3



**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.

