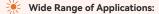




BMS bulit inside, ensureing optimal performance by protecting against overcharging, overheating, and short-circuiting and so on.



It has been proven to be compatible with over 20 storage inverters.

The Flexible Installation:

Include floor-standing and wall-mountable options, and both side output make the installing more flexible.

Long Cycle Life:

It's the car grade LFP cell and has more than 6000 times deep cycle in charge and discharge, which ensures the longest lifespan and highest safety standards.



Plug & Play Easy Extend:

Adopt quick connector, which saves time during installation. Simply put in the plugs and quickly paralleled up to 8 units.



Wide Compatibility:

By working with more than 20 inverter brands, users can reduce the cost of repeated purchases in many devices and save money.



























Model	TON-512100-L
Basic Parameter	
Cell Type	LiFePO ₄
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Energy	5120Wh
Charge Voltage	58.4V
Discharge Cut-off Voltage	44.8V
Charge Method	CC/CV
Standard Charge Current	50A
Max. Charge Current	100A
Standard Discharge Current	50A
Max. Continues Discharge Current	100A
Cycle Life	>6000
Internal Impedance	≤25mΩ
Battery Charge/Discharge Voltage Prot	ection
Pack Overcharge Alarm Voltage	57.6V
Pack Overcharge Protection Voltage	58.4V
Pack Overcharge Protection Time Delay	1.0S
Pack Discharge Alarm Voltage	44.8V
Pack Discharge Protection Voltage	40V
Pack Discharge Protection Time Delay	1.0S
Battery Charge/Discharge Current Prot	ection
Over Charge Alarm Current	105A
Over Charge Protection Current	110A
Over Charge Protection Time Delay	1.0\$
Over Discharge Alarm Current	105A
Over Discharge Protection Current	110A
Over Discharge Protection Time Delay	1.0\$
Battery Charge/Discharge Temperature	Protection
Working Temperature Range	Charge: 0°C50°C ; Discharge: -20°C50°C
Storage Temperature	-10°C50°C
Product Parameter	
Dimension	L590xW470XH143.9 (mm)
Output Wire	6AWG
Output Connector	TBD
Communication	RS485/CAN
	50kg
Weight	
Weight Certification	IEC62619, UL1973, CE-EMC, CE-GPSD, EN62619; UN38.3, MSDS

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