

BTS 5K

5.12 kWh

SMART BATTERY



Product advantages

- Store up to 2 years without charging
- Pre-wired cables for plug-and-play installation
- All-weather performance from -20°C to $+50^{\circ}\text{C}$, perfect for outdoor installation
- Expandable capacity by mixing new and existing batteries
- Active Battery Balancing of 100% SOC in 2 hours
- Advanced 5-layer safety system keeps your family protected



Model	BTS 5K
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Battery Type ^[1]	LiFePO ₄ - lithium iron phosphate battery
Battery Total Energy ^[2]	5.12 kWh
Rated Capacity	100 Ah
Rated Power	2.5 kW
Nominal Voltage	400 Vd.c.
Operating Voltage Range	350-435 Vd.c.
Max. Charging Current	6 A
Max. Discharging Current	7.5 A

General Parameters

Protective Class	Class I
IP Rating	IP65
Operating Temperature Range ^[3]	-20°C to +50°C
Relative Humidity Range	5%-95%
Max. Operating Altitude ^[4]	4000 m
Installation	Wall/Floor Mounted
Dimensions(W*H*D)	708*420*170 mm
Cooling Mode	Natural
Weight	50 kg
Communication	CAN

[1] Rechargeable Li-ion Battery.
[2] Test conditions:0.2C charging/discharging at 25°C,100%DOD.
[3] Refer to the curve of temperature VS charging/discharging current.
[4] Derating above 2000m.
*All specifications are subject to change without notice.