

BTS 5K

5.12 kWh

Smart battery



Safe & Reliable

- 5-layer battery safety protection
- Lithium iron phosphate(LFP) battery
- Integrated heating, all-weather performance from -20°C to +50°C, perfect for outdoor installation



User-friendly

- Pre-wired cables, plug-and-play installation
- Extendable by mixing new and existing batteries



Efficiency

- Store up to 2 years without charging
- Active battery balancing of 100% SOC in 2 hours

Model	BTS 5K
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	6A
Max. Discharging Current	7.5A
General Parameter	
Protective Class	Class I
IP Rating	IP65
Operating Temperature Range ^[3]	-20°C ~ +50°C
Relative Humidity Range	5%-95%
Max. Operating Altitude ^[4]	4000m
Installation	Wall/Floor Mounted
Dimensions (W×H×D)	708×420×170 mm
Cooling Mode	Natural
Weight	50kg
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.