

BTS 5K

5.12 kWh

Smart battery



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



Safe & Reliable

- 5-layer battery safety protection
- Lithium iron phosphate(LFP) battery

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.
Usable Capacity		4.992 kWh
Minimum Through Output Energy ^[3]		18.25 MWh
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 ^[4]		Charge: 0°C to +50°C / Discharge: -10°C to +50°C
Relative Humidity Range		5%-95%
Max. Operating Altitude ^[5]		4000m
Installation		Wall/Floor Mounted
Dimensions (W×H×D)		708×420×170mm
Cooling Mode		Natural
Weight		50kg
Communication		CAN
Warranty ^[6]		10 years
Country of Manufacture		China

[1] Rechargeable Li-ion Battery.

[2] Test conditions: 0.2C charging/discharging at 25°C, 100%DOD.

[3] Please refer to battery warranty for conditional application.

[4] Refer to the curve of temperature VS charging/discharging current.

[5] Derating above 2000m.

[6] Please refer to battery warranty for conditional application.

*All specifications are subject to change without notice.