

# 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 <sup>[1]</sup>	LiFePO <sub>4</sub> - lithium iron phosphate battery
Battery Total Energy <sup>[2]</sup>	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 <sup>[3]</sup>	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 <sup>[4]</sup>	Charge: 0°C to +50°C / Discharge: -10°C to +50°C
Relative Humidity Range	5%-95%
Max. Operating Altitude <sup>[5]</sup>	4000m
Installation	Wall/Floor Mounted
Dimensions (W×H×D)	708×420×170mm
Cooling Mode	Natural
Weight	50kg
Communication	CAN
Warranty <sup>[6]</sup>	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.