

# 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 and 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.	
Operating Voltage Range	350-435 Vd.c.	
Max. Charging Current	6 A	
Max. Discharging Current	7.5 A	
General Parameter		
Protective Class	Class I	
IP Rating	IP65	
Operating Temperature Range <sup>[3]</sup>	Charge: 0°C to +50°C / Discharge: -10°C to +50°C	
Relative Humidity Range	5%-95%	
Max. Operating Altitude <sup>[4]</sup>	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.