## **SMART BATTERY**





## C 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°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



Battery Type <sup>(1)</sup> LFP           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 Parameters         Class I           Protective Class         Class I           IP Rating         IP65           Operating Temperature Range <sup>(5)</sup> -20°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	Model	BTS 5K
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           Ceneral Parameters           Protective Class         Class I           IP Rating         IP65           Operating Temperature Rangel <sup>[5]</sup> -20°C to +50°C           Relative Humidity Range         5%-95%           Max. Operating Altitudel <sup>[4]</sup> 4000 m           Installation         Wall/Floor Mounted           Dimensions(W*H*D)         708*420*170 mm           Cooling Mode         Natural	Battery Type <sup>[1]</sup>	LFP
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           Ceneral Parameters           Protective Class         Class I           IP Rating         IP65           Operating Temperature Range <sup>[5]</sup> -20°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	Battery Total Energy <sup>[2]</sup>	5.12 kWh
Nominal Voltage  Operating Voltage Range  350-435 Vd.c.  Max. Charging Current  6 A  Max. Discharging Current  7.5 A  Ceneral Parameters  Protective Class  IP Rating  Operating Temperature Range <sup>(S)</sup> Operating Temperature Range  Relative Humidity Range  Max. Operating Altitude <sup>(4)</sup> Installation  Dimensions(W*H*D)  Cooling Mode  Wall/Floor Mounted  Natural	Rated Capacity	100 Ah
Operating Voltage Range  350-435 Vd.c.  Max. Charging Current  6 A  Max. Discharging Current  7.5 A  Ceneral Parameters  Protective Class  IP Rating  Operating Temperature Range <sup>[3]</sup> Operating Temperature Range  Relative Humidity Range  Max. Operating Altitude <sup>[4]</sup> Installation  Dimensions(W*H*D)  Cooling Mode  350-435 Vd.c.  350-43	Rated Power	2.5 kW
Max. Charging Current  Max. Discharging Current  Ceneral Parameters  Protective Class  IP Rating  Operating Temperature Range <sup>[S]</sup> Relative Humidity Range  Max. Operating Altitude <sup>[A]</sup> Installation  Dimensions(W*H*D)  Cooling Mode  Max. Charging Current  6 A  A  A  A  A  A  A  A  A  A  A  A  A	Nominal Voltage	400 Vd.c.
Max. Discharging Current         7.5 A           General Parameters           Protective Class         Class I           IP Rating         IP65           Operating Temperature Range <sup>[3]</sup> -20°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	Operating Voltage Range	350-435 Vd.c.
General Parameters           Protective Class         Class I           IP Rating         IP65           Operating Temperature Range <sup>[3]</sup> -20°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	Max. Charging Current	6 A
Protective Class I IP Rating IP65 Operating Temperature Range <sup>[S]</sup> -20°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	Max. Discharging Current	7.5 A
IP Rating  Operating Temperature Range <sup>[5]</sup> Relative Humidity Range  Max. Operating Altitude <sup>[6]</sup> Installation  Dimensions(W*H*D)  Cooling Mode  IP65  -20°C to +50°C  4000 m  4000 m  Wall/Floor Mounted  708*420*170 mm	General Parameters	
Operating Temperature Range <sup>[3]</sup> Relative Humidity Range  5%-95%  Max. Operating Altitude <sup>[4]</sup> Installation  Wall/Floor Mounted  Dimensions(W*H*D)  Cooling Mode  1-20°C to +50°C  4000 m  Wall/Floor Mounted  708*420*170 mm	Protective Class	Class I
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	IP Rating	IP65
Max. Operating Altitude <sup>[6]</sup> Installation  Wall/Floor Mounted  Dimensions(W*H*D)  Cooling Mode  Matural	Operating Temperature Range <sup>[3]</sup>	-20℃ to +50℃
Installation Wall/Floor Mounted  Dimensions(W*H*D) 708*420*170 mm  Cooling Mode Natural	Relative Humidity Range	5%-95%
Dimensions(W*H*D) 708*420*170 mm  Cooling Mode Natural	Max. Operating Altitude <sup>[4]</sup>	4000 m
Cooling Mode Natural	Installation	Wall/Floor Mounted
	Dimensions(W*H*D)	708*420*170 mm
Weight 50 kg	Cooling Mode	Natural
	Weight	50 kg
Communication CAN	Communication	CAN

<sup>[1]</sup> Rechargeable Li-ion Battery.

[2] Test conditions0.2C charging/discharging at 25°C.100%DOD.

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

[4] Derating above 2000m.

<sup>\*</sup>All specifications are subject to change without notice.