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 ^[1] LiFePO、- 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 6 A Max. Discharging Current 7.5 A Ceneral Parameters Protective Class Class I IP Rating IP65 Operating Temperature Range ^[6] 1965 Questing Temperature Range ^[6] 2-20°C to +50°C Relative Humidity Range 5%-95% Max. Operating Altitude ^[4] 4000 m Installation Wall/Floor Mounted Dimensions(W'H'D) 708'420'170 mm Cooling Mode Natural Weight	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 Range ^[S] -20°C to +50°C Relative Humidity Range 5%-95% Max. Operating Altitude ^[K] 4000 m Installation Wall/Floor Mounted Dimensions(W*H*D) 708*420*170 mm Cooling Mode Natural Weight 50 kg	Battery Type ^[1]	LiFePO ₄ - lithium iron phosphate battery
Rated Power2.5 kWNominal Voltage400 Vd.c.Operating Voltage Range350-435 Vd.c.Max. Charging Current6 AMax. Discharging Current7.5 AGeneral ParametersProtective ClassClass IIP RatingIP65Operating Temperature Rangelia-20°C to +50°CRelative Humidity Range5%-95%Max. Operating Altitudelia4000 mInstallationWall/Floor MountedDimensions(W"H"D)708'420"170 mmCooling ModeNaturalWeight50 kg	Battery Total Energy ^[2]	5.12 kWh
Nominal Voltage Operating Voltage Range S50-435 Vd.c. Max. Charging Current General Parameters Protective Class IP Rating Operating Temperature Range ^(S) Operating Temperature Rangee Relative Humidity Range Max. Operating Altitude ⁽⁴⁾ Operating Altitude ⁽⁴⁾ Operating Max. Operating SW'H'D) Cooling Mode Weight Weight	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 Class I IP Rating IP65 Operating Temperature Range ^[5] Poserating Temperature Range Selective Humidity Range	Rated Power	2.5 kW
Max. Charging Current Max. Discharging Current Ceneral Parameters Protective Class IP Rating Operating Temperature Range ^[5] Relative Humidity Range Max. Operating Altitude ^[4] Installation Installation Wall/Floor Mounted Dimensions(W'H'D) Cooling Mode Weight Max. Operating Mode Max. Operating Mode Matural	Nominal Voltage	400 Vd.c.
Max. Discharging Current 7.5 A General Parameters Protective Class Class I IP Rating IP65 Operating Temperature Range ^[S] -20°C to +50°C Relative Humidity Range 5%-95% Max. Operating Altitude ^[4] 4000 m Installation Wall/Floor Mounted Dimensions(W*H*D) 708*420*170 mm Cooling Mode Natural Weight 50 kg	Operating Voltage Range	350-435 Vd.c.
General Parameters Protective Class Class I IP Rating IP65 Operating Temperature Range ^[5] -20°C to +50°C Relative Humidity Range 5%-95% Max. Operating Altitude ^[4] 4000 m Installation Wall/Floor Mounted Dimensions(W*H*D) 708*420*170 mm Cooling Mode Natural Weight 50 kg	Max. Charging Current	6 A
Protective Class I IP Rating IP65 Operating Temperature Range ^[5] -20°C to +50°C Relative Humidity Range 5%-95% Max. Operating Altitude ^[6] 4000 m Installation Wall/Floor Mounted Dimensions(W*H*D) 708*420*170 mm Cooling Mode Natural Weight 50 kg	Max. Discharging Current	7.5 A
IP Rating IP65 Operating Temperature Range ^[5] -20°C to +50°C Relative Humidity Range 5%-95% Max. Operating Altitude ^[6] 4000 m Installation Wall/Floor Mounted Dimensions(W*H*D) 708*420*170 mm Cooling Mode Natural Weight 50 kg	General Parameters	
Operating Temperature Range ^[3] Relative Humidity Range 5%-95% Max. Operating Altitude ^[4] Unstallation Vall/Floor Mounted Dimensions(W*H*D) Cooling Mode Natural Weight View March 10 Marc	Protective Class	Class I
Relative Humidity Range 5%-95% Max. Operating Altitude ⁽⁴⁾ 4000 m Installation Wall/Floor Mounted Dimensions(W*H*D) 708*420*170 mm Cooling Mode Natural Weight 50 kg	IP Rating	IP65
Max. Operating Altitude ^[4] Installation Dimensions(W*H*D) Cooling Mode Weight Weight Watural Weight A000 m Wall/Floor Mounted To8*420*170 mm Natural Natural	Operating Temperature Range ^[3]	-20℃ to +50℃
Installation Wall/Floor Mounted Dimensions(W*H*D) 708*420*170 mm Cooling Mode Natural Weight 50 kg	Relative Humidity Range	5%-95%
Dimensions(W*H*D) 708*420*170 mm Cooling Mode Natural Weight 50 kg	Max. Operating Altitude ^[4]	4000 m
Cooling Mode Natural Weight 50 kg	Installation	Wall/Floor Mounted
Weight 50 kg	Dimensions(W*H*D)	708*420*170 mm
	Cooling Mode	Natural
	Weight	50 kg
Communication CAN	Communication	CAN

^[1] 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.

^{*}All specifications are subject to change without notice.