

Residential ESS Lithium-ion Battery CTE-5



Safety : LFP(Lithium ion Phosphate) the highest safety

Up to 8 Parallel : Flexible to increase capacity without any other equipments or settings

Cycle Life : 80% of initial capacity after 6000

Installation : minimize the installation time and cost

High-precision SOC : Accurate sampling of voltage and current, SOC mathematic more accurate and never jump



Specifications

Model	BS-5
Total Energy	5.12 kWh
Usable Energy(DC)	4.4 kWh
Max. Discharge Power	5.0 KW
Rated Capacity	100 Ah
Voltage	48~56 Vd.c
Nominal Voltage	51.2 Vd.c
Operating Condition	Indoor
Charge Operating Temperature	0~45°C
Discharge Operating Temperature	-10~55°C
Dimensions (W*D*H)	442*500*133 mm
Weight	44 kg
IP Rating	IP 20
Protective Class	I
Parallel Support(Maximum)	8 Parallel
Relative Humidity (RH)	0~95% (No condensed water)
Cooling Type	Ambient cooling
Case Material	Metal
Color	White
Installation	Cabinet, Wall Mounting, Ground Installation
Warranty	10 Years
Communication	CAN/RS485
Protection Mode	Triple Hardware Protection
Battery Protection	Over-Current/ Over-Voltage/ Short Circuit/ Under-Voltage/ Over-Temperature
Safety Certificate	UN38.3
Inverter protocols supported	Pylontech/ CNEnergy/ Growatt/ SRNE/ ChuangYue/ Deye/ megarevo/ Sofar/ Goodwe/ CVTE (low voltage)

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% Dod