

ST20



Features



Smart

- Energy Control Box on Top



Scalable

- Up to 20 kWh (4 modules) per Stack



Compact

- Brick-shaped Modular Design, Easy Installation, Save Labor Costs



Elegant

- Modern design, High Protection Suitable for Indoor & Outdoor Installation



Cost-effective

- Especially Applicable to High Electricity Price Areas & High Subsidy Areas

10 Years Warranty

CE UN38.3

ST20

Module

Number of modules	4
Total Energy (25 ± 2°C, 0.5C, New Battery State)	20.48 kWh
Nominal Voltage	409.6 V
Operating Voltage Range	320~467.2 V
Communication	CAN
Dimensions (W x D x H)	600 x 390 x 1025 mm / 23.6 x 15.4 x 40.4 inch
Weight	228 ± 4 kg / 502.7 ± 8.8 lbs
Operating Temperature	Charge: 0°C~50°C Discharge: -20°C~55°C
Cell Type	LFP
Standard Capacity	50Ah (25 ± 2°C, 0.5C, New Battery State)
Nominal Capacity	5.12kWh
Depth of Discharge	80%(Recommend)、100%(Max)
Operating Voltage	80~116.8V
Nominal Voltage	102.4V
Charge /Discharge Current	Recommend 25A(0.5C), Max 45A(1C)
Weight	51 ± 2 kg / 112.4 ± 4.4 lbs
Dimensions (W x D x H)	600 x 390 x 229 mm / 23.6 x 15.4 x 9.1 inch
Recommend Storage Temperature	5°C ~ 35°C / 41°F~95°F
Humidity	5%~95%
Altitude	≤4000m
Warranty	10 years

Energy Control Box

Dimensions (W x D x H)	600 x 390 x 165 mm / 23.6 x 15.4 x 6.5 inch
Weight	16 ± 1 kg / 35.3 ± 2.2 lbs

Certifications

UN 38.3 / IEC62619 / CE-EMC