

Battery Storage

C16 (High voltage)



Features



Modular Design

Flexible, stackable, and easily expandable



Smart Integration

Real-time monitoring and intelligent management



Quick Installation

Fast deployment with modular setup



Sustainability Ready

Supports renewable energy and carbon neutrality



10-Year Warranty

8000 cycles with 314Ah capacity



High Performance

0.5C continuous power for stable energy supply



Reliable Backup

Ensures uninterrupted power for critical loads



Built-in Fire Suppression

Automatic fire protection for enhanced safety

Model	C16
Rated voltage	51.2V
Voltage range	46.4-56.8V
Rated capacity	314Ah
Rated energy	16.076kWh
Rated charge / discharge current	157A
Dimension (W×D×H) / Weight	504 × 781 × 236 mm / 113 kg
Rated charge / discharge	0.5C
Display	7" Touch screen LCD
BMS	Included
Communication	CAN
Monitoring	CAN
Protection level	IP20
Protection	Short circuit protection / Over current protection / Over charge protection / Over discharge protection / Cell over-vol protection / Cell under-vol protection / Over temperature protection
Certification	CE; UN38.3

Battery Rack	Configuration	Rated energy	Rated voltage	Voltage range	Weight	Dimension (W×D×H)
3S	3 batt + 1 BCU	48.228KWh	153.64V	139.2-170.44V	409kg/ 901.7 lbs	582 × 805 × 1161 mm / 22.9 × 31.7 × 45.9 in
4S	4 batt + 1 BCU	64.304KWh	204.8V	185.6-227.2V	529.25kg/ 1166.8 lbs	582 × 805 × 1430 mm / 22.9 × 31.7 × 56.3 in
5S	5 batt + 1 BCU	80.38KWh	256V	232-284V	649.5kg/ 1431.9 lbs	582 × 805 × 1699 mm / 22.9 × 31.7 × 66.9 in
6S	6 batt + 1 BCU	96.456KWh	307.2V	278.4-340.8V	769.75kg/ 1694.8 lbs	582 × 805 × 1968 mm / 22.9 × 31.7 × 77.5 in
7S	7 batt + 1 BCU	112.532KWh	358.4V	324.8-397.6V	890kg/1962.1 lbs	582 × 805 × 2237 mm / 22.9 × 31.7 × 88.1 in
8S	8 batt + 1 BCU	128.608KWh	409.6V	371.2-454.4V	1013.25kg /2233.8 lbs	Depends on structural design
9S	9 batt + 1 BCU	144.684KWh	460.8V	417.6-511.2V	1133.5kg/2498.9 lbs	
10S	10 batt + 1 BCU	160.76KWh	512V	464-568V	1253.75kg / 2764.1 lbs	
11S	11 batt + 1 BCU	176.836KWh	563.2V	510.4-624.8V	1374kg/ 3029.2 lbs	
12S	12 batt + 1 BCU	192.912KWh	614.4V	556.8-681.6V	1494.25kg/ 3395.1 lbs	
13S	13 batt + 1 BCU	208.988KWh	665.6V	603.2-738.4V	1614.5kg / 3294.3 lbs	
14S	14 batt + 1 BCU	225.064KWh	716.8V	649.6-795.2V	1734.75kg/ 3824.5 lbs	1164 × 805 × 1968 mm / 45.8 × 31.7 × 77.5 in
15S	15 batt + 1 BCU	241.14KWh	768V	696-852V	1855kg/ 4089.6 lbs	1164 × 805 × 2237 mm / 45.8 × 31.7 × 88.1 in