





Stackable Energy Storage Cabinet

SU120E60LM



Product Features

-  Modular Assembly & Hassle-Free Construction
-  Flexible Expansion & On-Demand Configuration
-  Swift Switching & Safe Power Use
-  Active Safety & Pack Isolation

System Characteristics



Pack Level Protection



Short Circuit Protection



Fire Detection and Suppression



Local EMS

Technical Specifications

Model	SU48E24	SU60E30	SU72E36	SU84E42	SU96E48	SU108E54	SU120E60
Technical Information							
Rated Power	24kW	30kW	36kW	42kW	48kW	54kW	60kW
Rated Capacity	48kWh	60kWh	72kWh	84kWh	96kWh	108kWh	120kWh
Rated Voltage	400V						
Rated Current	34A	43A	52A	60A	69A	78A	87A
Rated Frequency	50Hz						
Total Harmonic Distortion	<3%						
Connection Type	3P4L						
Unbalanced Load	100%						
Battery Information							
Rated Voltage	153.6V	192V	230.4V	268.8V	307.2V	345.6V	384V
Voltage Range	134.4~172.8V	168~216V	201.6~259.2V	235.2~302.4V	268.8~345.6V	302.4~388.8V	336~432V
Number of Battery Pack	4	5	6	7	8	9	10
Battery Cell Model	LFP-314						
C- Rate	0.5C						
System Information							
Weight	660kg	750kg	840kg	930kg	1020kg	1110kg	1200kg
Dimensions(W×H×D)	1200x2000x500mm	1200x1480x500mm	1200x1480x500mm	1200x1740x500mm	1200x1740x500mm	1200x2000x500mm	1200x2000x500mm
Installation Environment	Outdoors						
Ingress Protection	IP65						
Cooling Methods	Natural Air Cooling、 Forced-air Cooling、 Air Conditioner Cooling						
Fire Suppression System	Aerosol						
Corrosion Protection Level	C4						
Operating Environment Temperature	-25°C~60°C (> 45°C Derating)						
Max.Operating Altitude	4000m (> 2000m Derating)						
Equipment Operating Noise	≤75dB						
Communication Protocols	Modbus-TCP/Modbus-RTU						
Communication Methods	4G/LAN/RS485						
Certificate Standards	IEC61000/IEC62619/IEC62477/IEC63056						