

Stack



Energy Storage System

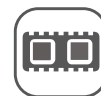
8,64-28,8kWh/HV



WIFI communication



High inverter
Compatibility



Quality LFP cells



Battery side APP
Simple and fast
after-sales service



OTA remote system upgrade
The system can be upgraded
and expanded



>15 Years life span

- High rate charge & discharge current
- More safety triple hardware & dual software protection
- Safe and reliable smart BMS
- Long life reliable LFP cells, cycle life >6000 cycles
- High reliability key devices approved by TUV and IEC
- Smart design & easy installation Plug in & off
- Fanless, more quiet and reduce the risk of fan failure



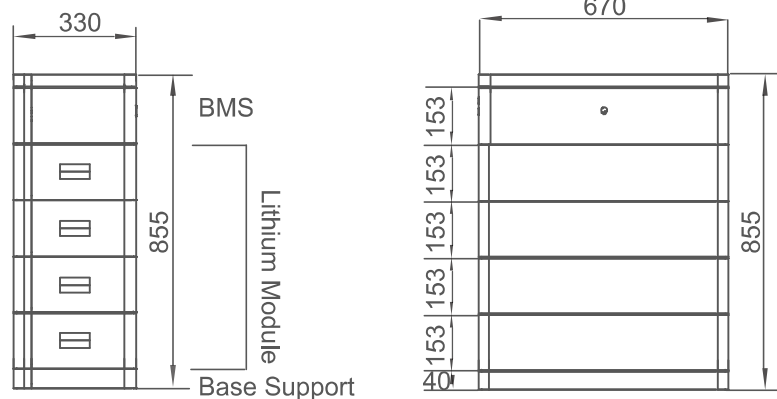
Technical specifications



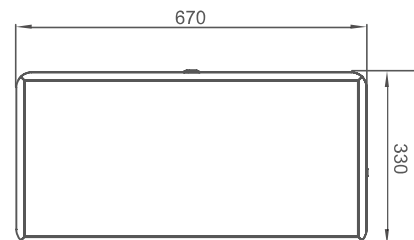
Model	8,64kWh	11,52kWh	14,4kWh	17,28kWh	20,16kWh	23,04kWh	25,92kWh	28,8kWh
Nominal Capacity	8,64kWh	11,52kWh	14,4kWh	17,28kWh	20,16kWh	23,04kWh	25,92kWh	28,8kWh
Usable Capacity	7,78kWh	10,37kWh	12,96kWh	15,55kWh	18,14kWh	20,74kWh	23,33kWh	25,92kWh
Nominal Dis-/Charge Current	50/25A	50/25A	50/25A	50/25A	50/25A	50/25A	50/25A	50/25A
Nominal Voltage	172,8V	230,4V	288V	345,6V	403,2V	460,8V	518,4V	576V
Number of battery modules	3	4	5	6	7	8	9	10
Battery module type	Stack 2,88kWh/HV	Stack 2,88kWh/HV	Stack 2,88kWh/HV	Stack 2,88kWh/HV	Stack 2,88kWh/HV	Stack 2,88kWh/HV	Stack 2,88kWh/HV	Stack 2,88kWh/HV
Dimension[W*H*D] (mm)	670*330*702	702*330*855	702*330*1008	702*330*1161	702*330*1314	702*330*1467	702*330*1620	702*330*1773
Weight (Kg)	101,5kg	131kg	160,5kg	190kg	219,5kg	249kg	278,5kg	308kg
Voltage	48~56V DC							
Nominal Voltage	51,2V DC							
Max. Charge Voltage	59,2V±0,5V DC							
Max.recommended DOD	90%							
Operating Condition	4~90%(No condensed water)							
Operating Temperature	Charge	From 0~55°C						
	Discharge	From -20~55°C						
Pollution Degree	3							
Communication	CAN/WIFI							
Humidity	4~95%(No condensed water)							
Over Voltage Category	II							
Cooling Type	Natural cooling							
Case Material	Metal+Plastic							
Installation	Ground Installation							
IP rating	IP65							
Protective Class	I							
Warranty	10 years							
Protection Mode	Triple hardware protection							
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage							
Certification	CE/TUV(IEC 62619, IEC 63056,IEC62477)/UN38.3							
Hazardous Material Classification	9							

* Testing conditions based on temperature 25°C

* Nominal Energy/Usable Energy measured under specific conditions from REGITEC 0.2C CC-CV



Stack 2,88kW/HV
57.6V 50Ah



Min Capacity: 3 Lithium Modules & BMS
Max Capacity: 10 Lithium Modules & BMS

