

SOLID STATE STACKABLE BATTERY



Flexibel & utrymmeseffektiv energilagring

Upp till 32,4kWh

Semi Solid State batteri

- Framtidens batteriteknologi, här och nu
- Avsevärt högre säkerhet än traditionella batterier
- Individuell BMS i varje batteri
- I och ur-laddning justerbar upp till C rate 1
- Bättre tålighet mot omgivningstemperatur
- Långa garantier
- Bättre skalbarhet

Features



Cycle

8 000 vid 80%SOH
16 000 vid 70%SOH
Life@25°C



**Semi
Solid State**
LFP Battery Cells



5,4kWh
Single
battery



1C



Increased 8%
Energy Density



STACKABLE RACK



Technical Specifications

Product Type		10.8kWh	16.2kWh	21.6kWh	27kWh	32.4kWh
Total Energy*		10.8kWh	16.2kWh	21.6kWh	27kWh	32.4kWh
Battery Capacity		53Ah				
Max. recommended DOD		93%				
Max Dis/Charge Power		12.3KW for 3S	18.45KW for 3S	24.6KW for 3S	30.75KW for 3S	36.9KW for 3S
Voltage		192-224Vd.c	288-336Vd.c	384-448Vd.c	480-560Vd.c	576-672Vd.c
Nominal Voltage		204.8Vd.c	307.2Vd.c	409.6Vd.c	512 Vd.c	614.4Vd.c
Nominal Dis/charging Current		50A/50A				
Max. Charge Voltage		224Vd.c	336Vd.c	448Vd.c	560Vd.c	672Vd.c
Weight (N.W.)		90KG	135KG	180KG	225KG	270KG
Dimension(mm)(L*W*H)		500*442*266mm	500*442*399mm	500*442*532mm	500*442*665mm	500*442*798mm
Operating Condition		Indoor				
Ambient Temperature	Charge	0~55℃				
	Discharge	-20~55℃				
WIFI Frequency Range		2400MHz~2483MHz				
Humidity		<60% (No condensed water)				
Over Voltage Category		II				
Cooling Type		Natural cooling				
Installation		Ground Installation				
IP rating		IP20				
Protective Class		I				
Max. Connection Number		6S				
Communication		CAN/ RS485				
Protection Mode		Hardware & software protection				
Battery Protection		Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature				
Safety		Cell UL TUV				
		CE/TUV				
Transportation		UN 38.3				
Product Warranty		10 years warranty with 8000 cycle with 80% SOH All information contained in this document is subject to change without notice				