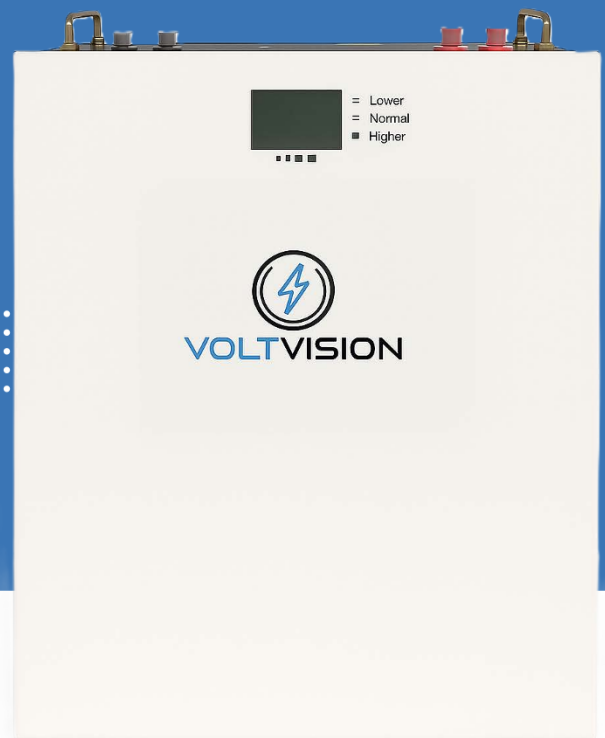


LIGHTING THE WORLD WITH GREEN ENERGY



PRODUCT BROCHURE



■ Benefits of Lithium

- High capacity, low weight, increased energy in given space
- Fast charging
- High operational reliability
- Safest lithium technology
- Excellent long life times
- Built-in intelligent BMS to protect the battery pack at any time and prolong its service life
- Maintenance free

■ Specifications

Nominal Characteristic

Battery model	SU-Li51200W	
Nominal voltage	51.2V	
Typical capacity	200Ah	
Typical energy	10240Wh	
Cells type/chemistry	Prismatic-LiFePO ₄	
Gravimetric Energy density	118Wh/Kg	
Dimensions	Length	525mm
	Width	650mm
	Height	195mm
Reference Weight	88Kg	
Case Material	Iron	
Cycle life	>6000 cycles(80% DoD)	
Option	With CAN+RS485+RS232	

■ Certifications and standards

a.Products

- UL1642(cells)
- FCC
- UN38.3
- IEC62619

b.MS certifications

- ISO9001
- ISO14001
- OHSAS 18001

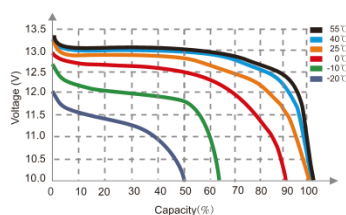
Electric Characteristics

Charge method	CC/CV
Charge voltage Range	57.2~58.4V
Max.continuous Discharge Current	200A
Max.continuous Charge Current	200A
Discharge Pulse Current (5 sec)	600A
End of Discharge Voltage	40V

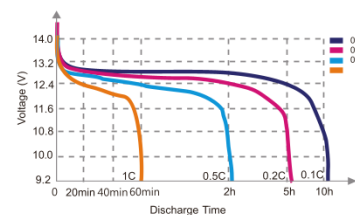
Operation Environment

Charge Temperature	0 °C ~ 50 °C
Discharge Temperature	-20 °C ~ 60 °C
Storage Temperature	-20 °C ~ 60 °C
Option Protection Class	IP30~IP65

Different Temperature Discharge Curve(0.5C)



Different Rate Discharge Curve(25°C)





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