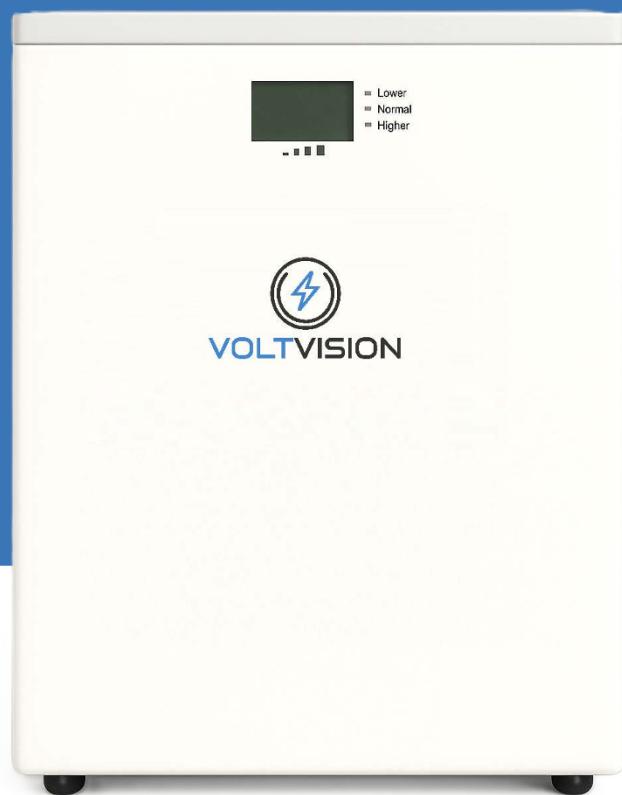


LIGHTING THE WORLD WITH GREEN ENERGY



**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-Li51200V
Nominal voltage	51.2V
Typical capacity	200Ah
Typical energy	10240Wh
Cells type/chemistry	Prismatic-LiFePO ₄
Gravimetric Energy density	~113Wh/Kg
Dimensions	Length 520mm
	Width 280mm
	Height 718.5mm
Reference Weight	~90kg
Case Material	Iron
Cycle life	>6000 cycles(80%DoD)
Option	With CAN+RS485

■ Certifications and standards

a.Products

- UN38.3
- ISO14001

b.MS certifications

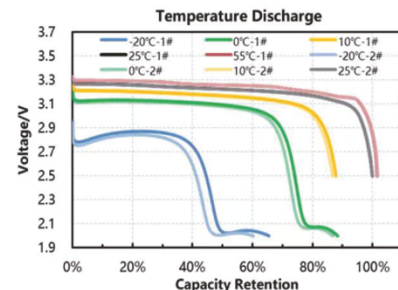
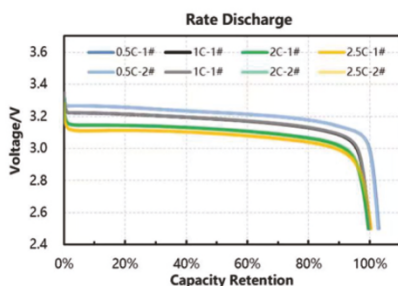
- ISO9001

Electric Characteristics

Charge method	CC/CV
Charge voltage Range	57.2~58.4V
Cell	3.2V100Ah(EVE LF100)
Module	16S2P
Number of parallel machines	8PCS
Max.continuous Discharge Current	200A
Max.continuous Charge Current	200A
Discharge Pulse Current (1sec)	500A
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





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