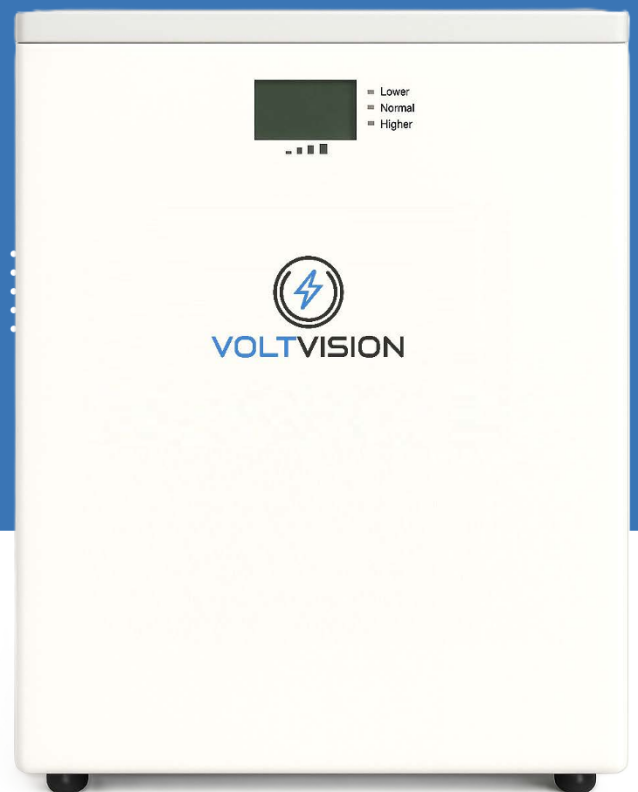


LIGHTING THE WORLD WITH GREEN ENERGY



**PRODUCT
BROCHURE**

SU-Li51280V



■ 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	
Nominal voltage	51.2V
Typical capacity	280Ah
Typical energy	14336Wh
Cells type/chemistry	Prismatic-LiFePO ₄
Gravimetric Energy density	~117Wh/Kg
Dimensions	Length 560mm
	Width 230mm
	Height 818.5mm
Reference Weight	~122kg
Case Material	Iron
Cycle life	>6000 cycles(80%DoD)
Option	With CAN+RS485

■ Certifications and standards

a.Products

- UN38.3
- ISO14001

b.MS certifications

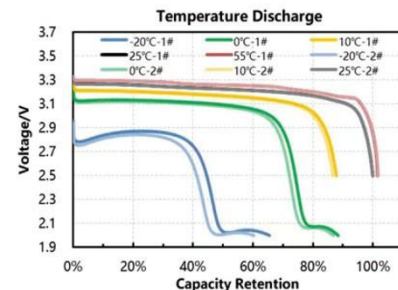
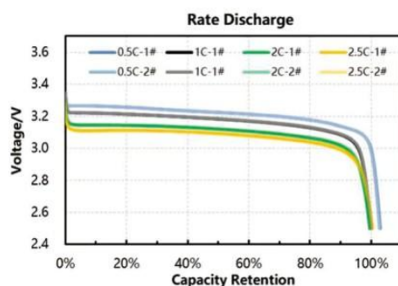
- ISO9001

Electric Characteristics

Charge method	CC/CV
Charge voltage Range	57.2~58.4V
Cell	3.2V280Ah
Module	16S1P
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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