



Functions

- Discharge Current 100A
- Overvoltage protection
- Undervoltage protection
- Low temperature charge protection
- High temperature charge protection
- Low temperature discharge protection
- High temperature discharge protection
- Short-circuit protection
- Charge over-current protection
- Discharge over-current protection
- Dormancy function
- RS485 communication
- CAN communication
- RS232 communication

Datasheet

AW7500(WM5000)

Basic Parameter

Rated Power	5KW
Nominal /Usable Battery Capacity	4.945/4.945KWh
Nominal /Max./Min. Dc Voltage	51.2/58.4/44.8V
Depth of Discharge	100%
Country of Manufacture	P.R.C

Size

Dimension	366mm*586mm*175mm
Weight	About 48kg

Electrical Parameter

Charging Mode	CC/CV/CP
Max. Charge Current	50A
Charging Cut-off Voltage	58.4V
Discharging Mode	CC/CP
Discharging Cut-off Voltage	44.8V
Max. Discharge Current	100A(1C continuous)

Environment

Humidity	5% to 95% RH
Operating Temperature	Charge: 0~+50°C/Discharge:-20~+55°C
Storage Temperature	-20~+45°C(three months)/-20~+25°C(one year)
IP Rating	IP20

Warranty

Warranted throughput	Minimum Through Output Energy 18.25MWH
Warranted ambient temperature range	Charge: 0~+50°C/Discharge:-20~+55°C
Usable capacity after ten years	80%

Compatibility Inverter

Brand	model
Solis	S6-EA1P3.6K-L,S6-EA1P4.6K-L,S6-EA1P5K-L,S6-EA1P6K-L
DEYE	SUN-3K-SG04LP1-AU,SUN-3.6K-SG04LP1-AU,SUN-5K-SG04LP1-AU,SUN-6K-SG04LP1-AU,SUN-7.6K-SG04LP1-AU
SUNGROW	SPA-3000TL-BL-UP,SPH-3000~6000TTL-BL-UP
SMA	SUNNY ISLAND 4.4M/6.0H/8.0H
Sunsynk	SUNSYNK-3.6K-SG03LP1-AU,SUNSYNK-5K-SG03LP1-AU
Lux Power	LXP3/3.6/4/4.6/5/6K