



U-P6100 Lithium Battery




CAPACITY
6123WH


POWER
9000W


DISCHARGING RATE
1.5C

SPECIFICATION OF HOUSEHOLD ENERGY STORAGE BATTERY

U-P6100 Lithium Battery

Function

- Discharge Current 200A(1.5C continuous)
- Overvoltage protection
- Undervoltage protection
- Short-circuit protection
- Low temperature charge protection
- High temperature charge protection
- Low temperature discharge protection
- High temperature discharge protection
- Charge over-current protection
- Discharge over-current protection
- Dormancy function
- RS485 communication
- CAN communication
- RS232 communication

Datasheet	U-P6100
Basic parameter	
Rated Voltage	51.2V
Nominal capacity	119.6Ah
Rated Power	6123Wh
Size	
Height	220.6mm
Width	438mm
Length	536mm
Weight	about 57kg
Electrical parameter	
Charge mode	CC/CV/CP
Max.Charge Current ¹⁾	80A
Charging cut-off voltage	57.4V
Discharge mode	CC/CP
Discharging cut-off voltage	44.8V
Max.Discharge Current ²⁾	200A(1.5C continuous)
Peak Discharge Current ³⁾	350A(100ms)
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	Charge 0~+50°C/Discharge -20~+55°C
Storage Temperature	-20~+45°C (three months) /-20~+25°C (one year)
Shipment status	Voltage 52V~54V SOC 60%~80%
Warranty	

10 years warranty, > 6000 cycles life

All information contained in this document is subject to change without notice.

1)For better battery life cycles,we suggest charge in 60A(0.5C @25°C)

2)For better battery life cycles,we suggest discharge in 60A(0.5C @25°C)

3)Peak Current excludes repeated short duration (less than 100ms) of current pattern.

Compatibility

Deye, SUNSYNK, Growatt, LUX Power, Goodwe, Voltronic, KODAK, Xpert, Victron etc..