



# 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
<b>Basic parameter</b>	
Rated Voltage	51.2V
Nominal capacity	119.6Ah 6123Wh
Rated Power	9000W
<b>Size</b>	
Height	220.6mm
Width	438mm
Length	536mm
Weight	about 57kg
<b>Electrical parameter</b>	
Charge mode	CC/CV/CP
Max.Charge Current <sup>1)</sup>	80A
Charging cut-off voltage	57.4V
Discharge mode	CC/CP
Discharging cut-off voltage	44.8V
Max.Discharge Current <sup>2)</sup>	200A(1.5C continuous)
Peak Discharge Current <sup>3)</sup>	350A(100ms)
<b>ENVIRONMENT</b>	
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%
<b>Warranty</b>	

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, Axpert, Victron etc..