



Service through Experience

Now in:

Polokwane, Limpopo

Nelspruit, Mpumalanga

Potchefstroom, Northwest

Somerset West, Western Cape

Rustenburg, Northwest

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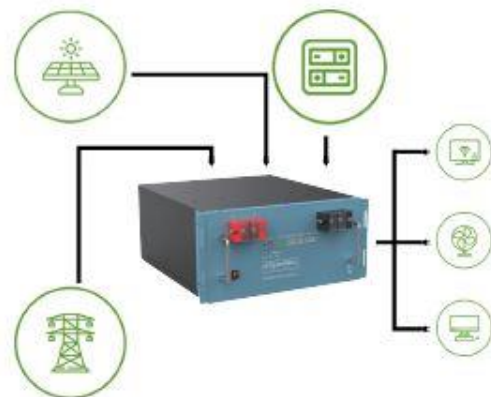
U-P5000 Lithium Battery 2C



- a) Overvoltage protection
- b) Undervoltage protection
- c) short-circuit protection
- d) Low temperature charge protection
- e) High temperature charge protection
- f) Low temperature discharge protection
- g) High temperature discharge protection
- h) Charge over-current protection
- i) Discharge over-current protection
- j) Dormancy function
- k) RS485 communication
- l) CAN communication
- m)RS232 communication

PRODUCT APPLICATION

1. Power ON/OFF button
2. Setting function button
3. LCD screen
4. LED indicators



Datasheet	U-P5000
Basic parameter	
Rated Voltage	51.2V
Nominal capacity	96.6Ah 4.95kWh
Size	
Height	222.6mm
Width	442mm
Length	512mm
Weight	about 50.88kg
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⁾	150A
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	

Cycle 6000+, and 10 years performance warranty (25°C)