

KILOVANT

LEAD-ACID REPLACEMENT LIFEPO4 BATTERIES

100Ah / 120Ah / 150Ah / 200Ah / 250Ah / 300Ah



Solar Charging

Generator Charging

Mains Power & Charger

Internal BMS

A+ Prismatic Cell

6000+ Cycle Times

Environmental Protection

Lighter Weight

High Stability

Datasheet

Battery Model	100Ah 12.8V	120Ah 12.8V	150Ah 12.8V	200Ah 12.8V	250Ah 12.8V	300Ah 12.8V
COMPATIBLE APPLICATIONS : HOME BACKUP POWER · SMALL UPS · BOOTH LIGHTING · MARINE · OUTDOOR WORK · RV POWER						
Nominal Voltage	12.8V					
Cell Model	4S1P					
Nominal Capacity	100Ah	120Ah	150Ah	200Ah	250Ah	300Ah
Nominal Energy	1280Wh	1536Wh	1920Wh	2560Wh	3200Wh	3840Wh
Maximum Charging Current	50A	60A	60A	80A	100A	100A
Maximum Discharge Current	80A (Rated) 300A (1s, Peak)	80A (Rated) 300A (1s, Peak)	60A (Rated) 300A (1s, Peak)	80A (Rated) 300A (1s, Peak)	120A (Rated) 300A (1s, Peak)	120A (Rated) 300A (1s, Peak)
Discharge Termination Voltage	10.4V					
Charging Voltage	14.6V					
Charge Over Current Protection	50A	60A	60A	80A	100A	100A
Discharge Over Current Protection	>80A	>80A	>80A	>80A	>120A	>120A
Energy Extension	Max. Support up to 4 units in series					
Communication Function	none					
Ingress Protection	IP65					
Working Temperature	Charge(°C): 0~55°C, Discharge(°C): -20~55°C					
Working Humidity	<80%RH					
Dimensions (mm)(W*D*H)	168*260*220	170*485*245	170*495*245	270*520*230	270*520*230	270*520*230
Weight (kg)	9.6	16.7	16.7	29.5	30.2	30.2

* If the ambient temperature is too high or too low, performance will be limited.
* Under specific test conditions.

www.kilovantsolar.com

sales@kilovantsolar.com