



KING POWER™ 王權
Lithium Technology



48V 100AH ULTRA -U serial LITHIUM POWER BANK LIFE PO 4

Nominal Voltage	51.2V
Rated Capacity	100Ah
Absorption Voltage	56.8 to 58.4V
Float Voltage	56.0 to 56.8V
Equalize Voltage (if applicable)	56.8 to 58.4 V (Same as absorption)
Absorption Time	55 to 110 minutes
Temperature Compensation	No
Charge Cut-off Voltage	58.4V
Discharge Cut-off Voltage	40V
Recommended Charge Current	50A
Recommended Discharge Current	50A
Maximum Continuous Charge Current	100A
Maximum Continuous Discharge Current	100A
Peak Discharge Current	120A
Bluetooth connection	No
Self Heating	No
IP Standard	IP30
Communication	CAN/RS485/RS232
Switch	Yes
BMS Protection	Charging Over current
Short circuit	
High/Low temperature	
Internal Resistance	<30mΩ
BMS Leakage Current	<3mA
Operating Temperature Charge	32 F (0 C) to 131 F (55 C)
Operating Temperature Discharge	-4 F (-20 C) to 131 F (55 C)
Storage Temperature 1 Week	-4(-20 C) to 149 F (65 C)
Storage Temperature 1 Month	-4 F (-20 C) to 113 F (40 C)
Storage Temperature 1 Year	-4 F (-20 C) to 77 F (25 C)
Humidity Operating	5% to 90% RH
Humidity Storage	35% to 85% RH
Certification UN 38.3; CE	
Cycle Life	6000+ cycles
Product Lifespan	10-15Year (Prorated)
Maximum Parallel	

