IP 65 Lithium Battery Energy Storage System

BMG Series

16KWh



Main Features

1〉 Long lifespan: 10+ years life design.
2〉 IP65 Rating suitable for outdoor use.
3〉 Smart BMS system to optimize the performance.
4〉 Communication: RS485/CAN/SNMP/Wifi/Bluetooth,Compatible with different brand of solar inverter and chargers (optional).
5〉 360 degree protection: such as SOC/SOH/Anti-theft function etc...
6〉 High discharge rate currents, suitable for on-grid or off-grid solar system and other loads.
7〉 With front display panel for easy access to status of the batteries.

MODEL	BMG51314
Specifications	
Battery Type	$LiFePO_4$
Battery Model	51.2V314Ah
Nominal Capacity(25℃,0.2C)WH	16.08kWh
Adjustable working voltage(Vdc)	41.6V-58.4Vdc
Max.Continuous discharge current(A)	200A
Max.pulse discharge current(A)	300A(1 sec)configurable
Max.Continuous charge current(A)	200A
Designed lifespan	10^{+}years life design
Cell Equalizer Current(A)	≥70mA
Terminal	M8
Storage duration	6 months at 25℃
Safety standard	IEC62619,UN38.3,MSDS
Maximum parallel connection	16pcs
Ingress Protection	IP65
Communication function	RS485/CAN/RS232(standard),Wii/Bluetooth/Dry contact (optional)
Communicate with mainstream inverter	PYLON/Growatt/Voltronic/GoodWe/Luxpowertek/Sorotec/GINL ONG/Schneider/SMA/ Senergy/MUST/TBB/STUDER/WOW/Deye/SVC Energy etc.
Protection	
Protection	Overcharge protection\Overdischarge protection\Overcurrent protection\ Shortcircuit protection\Overtemperature protection
Ambient	
Noise Level(dB)	<40dB(1 meter)
Working temperature	-20℃~+55℃(according to above charge and discharge specifications)
Humidity	0~95%(no condensation)
Altitude(m)	<3000
Dimension	
L*W*H(product size)mm	L450*W258*H920
L*W*H(package size)mm	L979*W548*H421
Net Weight(Kg):	120.4
Gross Weight(Kg):	139.2

Product specifications are subject to change without notice.