

IBattery-EA-51.2V-300AH

Lithium Battery

Appearance



Features

IP54 design

Multi-protections

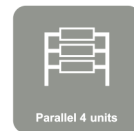
6000 times Deep cycle design

With builtin BMS protection

Suitable for residential backup system

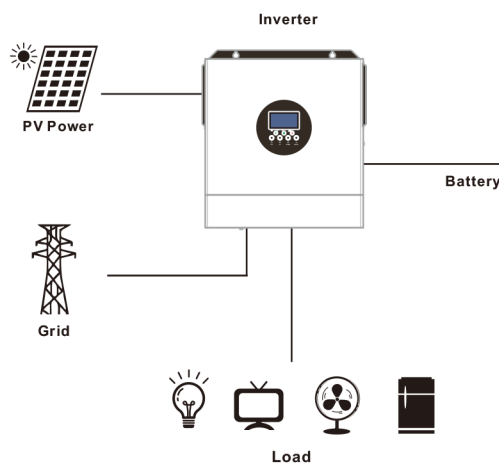
10 Years+ life span design

Parallel to 16pcs Max(Only for 24V/48V)



BMS matched with mainstream inverter brands

System Diagram



Technical Data

Model	IBattery-EA-51.2V-300AH
Total(WH)	16076.8
Nominal Voltage(V)	51.2
Battery Cell Energy(Ah)	314
Charge voltage(V)	58.4
Max.Charge current(A)	200
Max.Discharge current(A)	200
Communication port	RS232/RS485/CAN-BUS
Parallel Max	16
Altitude	<2000M
Humidity	<95% RH
Operating temperature(°C)	-10~50
Storage Temperature(°C)	0~35
Depth of discharge(DOD)	80%
Cycle life	6000 cycle @ 80% DOD 25°C
Design life	10 years
Installation	On Floor
Net Weight/Gross Weight(kg)	109.3/126.2
Dimension(L*W*H)mm	825x650x450
Ingress Protection	IP54

Product specifications are subject to change without further notice.