

QSUNPOWER ENERGY STORAGE SOLUTIONS

Free Stand lithium Ion Batteries



WiFi & Bluetooth
Smart BMS



Easy Installation
Plug and Play



Expandable
Max 16 Pcs in Parallel



Safety LiFePO4
LFP Battery Chemistry



Reliable & Qualified
Smart BMS



Widely Compatible
Compatible with
Mainstream Inverters

QSUNPOWER

ENERGY STORAGE

SOLUTIONS



Model	QS-H16
Battery Type	51.2V 320Ah LiFePO4
Nominal Energy(KWh)	16.4
Usable Energy(Kvvh)	14.8
Peak Output Power (Kw, 10Seconds)	15.4
Round-Trip Efficiency	≥97.5%
Nominal Voltage(V)	51.2V
Operating Voltage(V)	44-58.4
Max Charge/Discharge Current(A)	200/200
Communication	CAN, RS485
Enclosure Protection Rating	IP21
Operating Temperature (°C)	-20 - 60
Cooling Type	Natural Cooling
Installation	Free Stand, Indoor
Cycles Life	>6,000(25°C)
Design Life	20+ Years (25°C@77°F)
Recommend DOD	90%
Dimension (W*H*D, mm)	573*981*168
Weight (kg)	130
Humidity	5%-95%
Altitude (m)	<2,000
Warranty	5 Years
Safety Standard	UL1973/IEC62619/UN38.3
Scalability	Max 16 Pcs in Parallel

