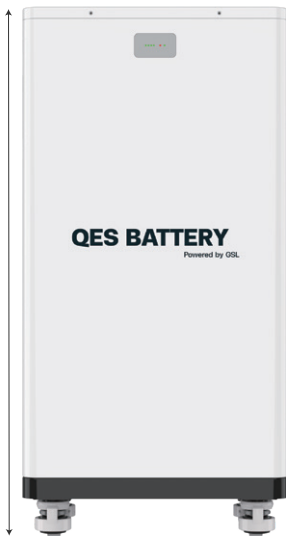


QES BATTERY

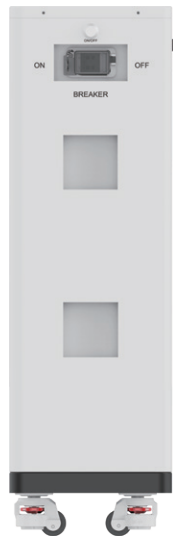
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1007mm
39.6 in



522.6mm
20.6 in



343mm
13.5 in

As the leading vertically integrated manufacturer of lithium iron phosphate battery systems, QES BATTERY has provided various battery solutions for nearly all kinds of ESS applications. Thanks to our self-developed core technology in cells/BMS/system design, QES BATTERY has delivered more than 138+ countries serving 100,000+ users.

✓ Long life and safety

Vertical industry integration ensures more than 8500 cycles with 80% DoD.
Safe Lithium iron phosphate battery cell.

✓ Intelligent

Each battery with independent BMS system manages power output smartly and effectively.

✓ Modularization

Modular design gives the end customers the power of choice of capacity Deliver up to 241.2KWh with single max module (16.08KWh) at 15pcs parallel connection.

✓ Easy to install and use

Just plug and play to minimize the installation time and cost. Compact and fashionable design fits in your sweet home environment.

✓ Compatibility

Compatible with most of the available Hybrid inverters.

✓ Safety Cert

CB IEC62619, CE, UN38.3, MSDS

QES BATTERY

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Battery Specifications

Model No GSL-W-16K

Nominal Parameters

Battery Chemistry LiFePO4

Voltage 51.2V

Capacity 314Ah

Energy 16.08kWh

Dimension (W/H/D) 540*1006*500mm / 20.6*39.6*13.5 in

Weight Approximate 145.5kgs / 320 lbs

Basic Parameters

Warranty Period [3] 5-10 years

Cycle Life
(25±2°C,0.5C/0.5C,80%EOL) ≥8500

Storage Time / Temperature 5 months @ 25°C; 3 months @ 35°C; 1 month @ 45°C

Operation Temperature -20°C to 60°C @ 60+/-25% Relative Humidity

Storage Temperature 0°C to 45°C @ 60+/-25% Relative Humidity

Communication Port CAN2.0, RS485, Wifi

Certification CB IEC62619, CE, UN38.3, MSDS

IP Rating of Enclosur IP65

Electrical Parameters

Operation Voltage 46-56Vdc

Max. Charging Voltage 56Vdc

Max. Charging Current 150A

Max. Discharging Current 150A

Max Power 7680W

QES BATTERY

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Aerosol Fire Extinguishing Device

Model No

QRR0.01GW/S-BZ001

Nominal Parameters

Net Weight (per unit)	55g ± 10g
Dimensions	49.2mm ±1mm*47.7mm ±1mm*20mm ±1mm
Operating Temperature Range	-50°C to +90°C
Operating Relative Humidity	≤ 95% RH
Activation Method	Thermal Activation
Discharge Time	≤ 6 seconds
Thermal Activation Temperature	185°C ±10°C
Surface Temperature (Casing)	≤ 200°C
Protected Space/Volume	≤ 0.3 m ³
Oxidizer Name & Content	Potassium Nitrate, Strontium Nitrate (50% - 58%)
Service Life	10 Years

