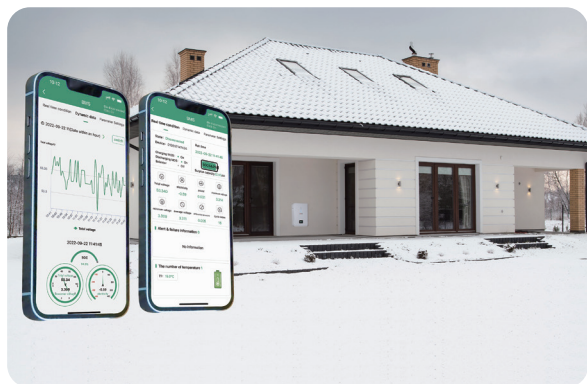


APPLICATION



PONY Q

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PONY Q

BATTERY ENERGY STORAGE SYSTEM



MATCH HYBRID INVERTERS



BATTERY ENERGY STORAGE SYSTEM



CERTIFIED TO UL 9540A/UL 1973

PONY Q using reliable lithium iron phosphate batteries meets the UL 9540A unit level thermal runaway propagation test performance criteria and adopts NEMA 4X electrical enclosure, along with 10-year warranty.

FEATURES



Supports DC input.
Suitable for new and installed PV systems.



Comprehensively guarantee household power supply. Seamlessly switch to backup in case of power failure.



Supports Wi-Fi and Cellular network connection. Remotely monitor power generation and consumption OTA firmware update, continuous function improvement.



Compatible with generators for long-term power outages. Can be connected to 2@60A level 2 EV chargers 100% green power for electric vehicles.



Lithium iron phosphate batteries. UL 9540A unit level thermal runaway test certification.



CJHV-15.36KWH



CJSL-10.24KWH/CJSL-7.68KWH

PARAMETER

Battery Specifications

Model No	CJHV-15.36KWH	CJSL-10.24KWH	CJSL-7.68KWH
Voltage	307.2 V	51.2 V	51.2V
CELL	50 Ah	100 Ah	50Ah
Capacity	50 Ah	200 Ah	150Ah
Energy	15.36 kWh	10.24 kWh	7.68 kWh
Weight	155 kg	100 kg	96kg
Dimensions (L x W x H)	720x1020x240 mm	810x550x177 mm	580x247x830 mm

Electrical Parameters

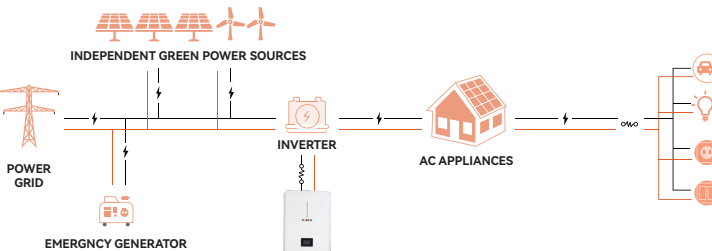
Operation Voltage	259.2-345.6 Vdc	44-56 Vdc	44-56 Vdc
Max. Charging Voltage	345.6 Vdc	58.4 Vdc	58.4 Vdc
Max. Charging And Discharging Current	50A / 50A	115A / 140A	115A / 140A
Rated Power	15360 w	5120 W	5120 W

Basic Parameters

Life Time(25°C)	10 years
Life Cycles(80% DOD, 25°C)	8000Cycles
Storage Time / Temperature	5 months @ 25°C; 3 months @ 35°C; 1 months @ 45°C
Operation Temperature	-20°C to 60°C @60+/-25% Relative Humidity
Storage Temperature	0°C to 45°C @60+/-25% Relative Humidity
Lithium Battery Standard	TUV: CE-EMC/UKCA-EMC; CB-IEC62619; UN38.3,MSDS UL1973,UL9540A
Enclosure Protection Rating	IP65

ENERGY STORAGE SYSTEM OVERVIEW

ADVANTAGE



7.68, 10.24 and 15.36kwh modules connecting in series



Supporting RS485 or CAN communication



Life cycles 8000



A set of matching output lines



Continuous 100-200A discharge



Touch screen



Designed and developed to harmonize perfectly and to avoid any misalliance



Our BESS can be compatible with most of the major brands of inverter communication protocols

