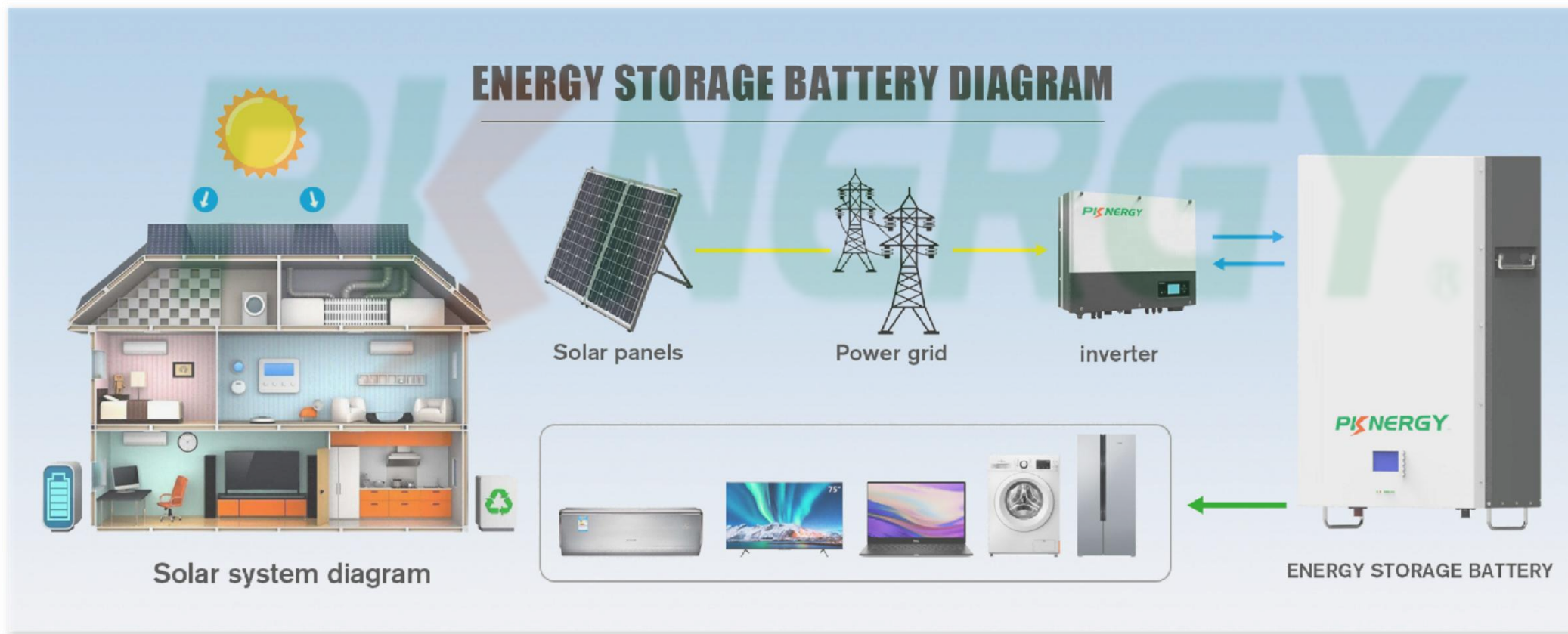




Energy Storage Product Gallery



PIKNERGY



12V10Ah

Voltage: 12.8V

Terminal: F2

Nominal Capacity: 10Ah@0.2C

Energy: 128Wh

Monthly self-discharge rate: <3%

Max.Charging voltage: 14.0~14.4V

Charging mode: At 0°C~45°C temperature, charged to 14.4V at a constant current of 2A, and then, changed continuously with constant voltage of 14.4V until the current was not more than 0.2A

Material: ABS

Water Dust Resistance: IP55

Charging current: 2A Continuous

Discharge current: 2A

Max.Pulse Current: 20A (<3s)

Discharge cut-off voltage: 10V

Size: 151*99*99mm

Weight: 1.28 kg

PKENERGY



12V 50Ah

Voltage: 12.8V

Terminal: M6

Nominal Capacity: 50Ah@0.2C

Energy: 640Wh

Monthly self-discharge rate: <3%

Max.Charging voltage: 14.2-14.6V

Charging mode: 0.2C to 14.6V, then 14.6V,charge current to 0.02C (CC/CV)

Material: ABS

Water Dust Resistance: IP55

Charging current: 10A Continuous

Discharge current: 10A

Max.Pulse Current: 190A(<1.5S)

Discharge cut-off voltage: 10V

Size: 229*138*208mm

Weight: 6.5 kg

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12V100Ah

Voltage: 12.8V

Terminal: M8

Nominal Capacity: 100Ah@0.2C

Energy: 1280Wh

Monthly self-discharge rate: $\leq 3.5\%$ per month at 25°C

Max.Charging voltage: 14.2-14.6VV

Charging mode: 0.2C to 14.6V, then 14.6V,charge current to 0.02C (CC/CV)

Material: ABS

Water Dust Resistance: IP55

Charging current: 20A Continuous

Discharge current: 20 A

Max.Pulse Current: 400A (<3s)

Discharge cut-off voltage: 10V

Size: 307*169*208mm

Weight: 17 kg

12V 150Ah

Voltage: 12.8V

Terminal: M8

Nominal Capacity: 150Ah@0.2C

Energy: 1920Wh

Monthly self-discharge rate: $\leq 3.5\%$ per month at 25°C

Max.Charging voltage: 14.0~14.4V

Charging mode: At $0^{\circ}\text{C}\sim 45^{\circ}\text{C}$ temperature, charged to 14.4V at a constant current of 30A, and then,changed continuously with constant voltage of 14.4V until the current was not more than 3A

Material: ABS

Water Dust Resistance: IP55

Charging current: 30A Continuous

Discharge current: 30 A

Max.Pulse Current: 200A (<3s)

Discharge cut-off voltage: 10V

Size: 483*170*240mm

Weight: 18.6 kg

PKENERGY



12V 200Ah

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Voltage: 12.8V

Terminal: M8

Nominal Capacity: 200Ah@0.2C

Energy: 2560Wh

Monthly self-discharge rate: $\leq 3.5\%$ per month at 25°C

Max.Charging voltage: 14.0~14.4V

Charging mode: At 0°C~45°C temperature, charged to 14.4V at a constant current of 40A, and then,changed continuously with constant voltage of 14.4V until the current was not more than 4A

Material: ABS

Water Dust Resistance: IP55

Charging current: 40A Continuous

Discharge current: 40 A

Max.Pulse Current: 200A (<3s)

Discharge cut-off voltage: 10V

Size: 522*238*218mm

Weight: 27 kg



48V 100Ah

Name: 48V100AH lithium iron phosphate battery

Material: iron shell

Voltage: 48V

Capacity: 100Ah (C5, 25°C) Terminal: 100A through terminal

Communication protocol: RS232/RS485/CAN Energy: 4800Wh

Internal resistance: $\leq 200\text{m}\Omega$

Cycle times: ≥ 2500 times@0.2C 100% DOD Charging mode: 0.2C to 54.75V

Charging current: 20A Discharge current: 100A

Maximum pulse current: 300A (<3s) Discharge cut-off voltage: 37.5V Storage temperature: -10°C to 40°C Cell: 3.2V 100AH-15S1P

Size: 482*396*132 mm Weight: 38kg



48V 200Ah

Name: 48V200AH lithium iron phosphate battery

Material: iron shell

Voltage: 48V

Rated capacity: 200Ah (C5, 25°C) Energy: 9600Wh

Internal resistance: $\leq 500\text{m}\Omega$

Cycle times: ≥ 2000 times@0.2C 100% DOD Charging voltage: $54.75 \pm 0.2\text{V}$

Discharge current: 100A Pulse current: 300A (<3s) Storage: -10°C to 40°C Cell: 3.2V 100AH-15S2P

Terminal: 100A through terminal Communication protocol: RS232/RS485/CAN

Size: 482*500*270 mm

Weight: 77kg

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48V 100Ah (5kwh)

Name: 48V 100Ah 5kwh Powerwall Battery for solar energy storage system

Application: Home

Battery Type: LiFePO4

Voltage: 48V

Capacity: 100Ah

Controller Type: MPPT

Work Time (h): 24 hours

Certificate: CE

Dimension: 680*480*180mm

Weight: 65kg

Cycle life: 5000 times at 80%DOD

Cell type: 3.2v 100ah Lifepo4 Prismatic battery Cell

PKENERGY



48V 200Ah (10kwh)

Name: 48V 200Ah 10kwh Powerwall Battery for solar energy storage system

Application: Home

Battery Type: LiFePO4

Voltage: 48V

Capacity: 200Ah

Controller Type: MPPT

Work Time (h): 24 hours

Certificate: CE

Dimension: 680*480*180mm

Weight: 103kg

Cycle life: 5000 times at 80%DOD

Cell type: 3.2v 100ah Lifepo4 Prismatic battery Cell