



## Pinsheng Solar High Voltage 10Kwh 300Ah 48V 200Ah Lifepo4 Battery Smart Bms Lithium Ion Batteries Solar Energy Storage

## **Basic Information**

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity: 2 units
- Price:
- \$3.300.00/units 2-9 units

**PE-AIO-ESS** series

CE/RoHS/UN38.3/MSDS

Hunan, China

Pinsheng

- Packaging Details: wooden box
- Supply Ability: 1000 Unit/Units per Month



## **Product Specification**

- Features:
- Battery Type:
- Product Name:
- Voltage:
- Capacity:
- Battery Size:
- Protection:
- Application:
- Features 2:
- Features 3:
- Port:
- Highlight:

## Long Life

- Lithium Ion, LiFePO4, Other All In One Solar Cabinet
- All III Olle Solai Cabille
- 48v 96v 156v 208v Customized
- 50Ah 100Ah 150Ah 200Ah 300ah
- Customized
  - Built-in BMS
- Solar Energy Storage For Home
  - Long Warranty
- Come With Inverter
- Shenzhen Shanghai Ningbo

10Kwh Lifepo4 Battery, 300Ah Lifepo4 Battery, 48V Lifepo4 Battery

### PRODUCT FEATURES

> A+++ LFP cell and reliable BMS design Module design >with flexiable expansion to 30kwh Pulley and rail desig >ensures easy and quick in stallation of the system > Build in MPPT with 99% efficient > Low-voltage batteries and Inverters provide >crost-officting storane systems



### More Images



for more products please visit us on rechargeable-liionbattery.com

Product Description

# Product Description

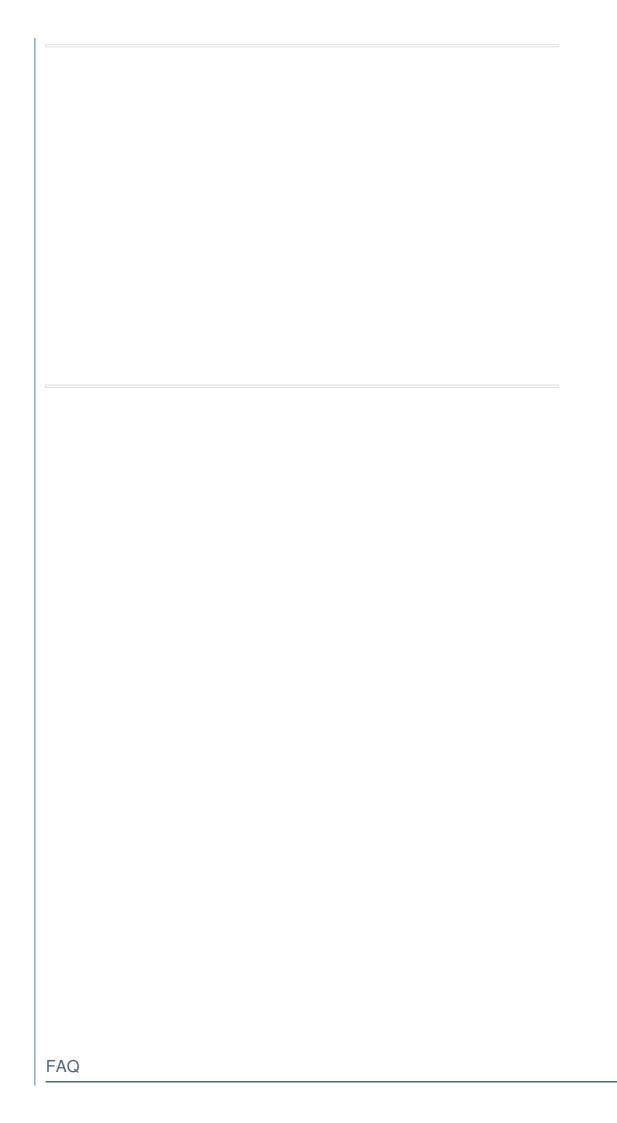
# Specification

Model		PE-AIO- 1010	PE-AIO- 1015	PE-AIO- 1020	PE-AIO- 1025		
Battery Voltage		204.8V	153.6V	204.8V	256V		
	Rated Power	10kW					
Output Parameters (AC)	Curren Ratedt	43.5A					
	Voltage/range	230V/176Vac~270Vac					
	Frequency Ranges	50/60Hz					
	Efficiency	0.99lagging~0.99leading(settable)					
	THDI	<2%					
	Battery voltage range	85v~400V					
	Battery pack rated voltage	204.8V	153.6V	204.8V	256V		

	Battery	Capacity Of Battery	5.12kWh*2	5.12kWh*3	5.12kWh*4	5.12kWh*5		
Max. Input Power13kWMax. PV voltage $550V$ Max. PV voltage $550V$ Max. input current $125V-500V/360V$ Max. input current $12A$ MPPT tracker/strings $2/2$ Rated power w/va $10kW$ Max. Output Power $12.5kW 60S/15kW 1S$ Rated voltage $230V$ Rated current $43.5A$ Rated frequency $50/60Hz$ Automatic switchover time $<20ms$ THDU $<2vms$ Size(W/D/H) $640mm*490$ mm*1262m m $640mm*490$ mm*1455.5MePT efficiency $230kg$ $291kg$ Operating temperature $-20°C-55°C$ Protection level $IP21$ Noise emission(typical) $<35dB$			50A/50A		80A/80A			
Max. PV voltage $55$ UVDC inputMPPT range/nominal $125V-500V/360V$ Max. input current $12A$ MPPT tracker/strings $2/2$ Rated power w/va $12K$ Max. Output Power $12.5kW 60S/15kW 1S$ Rated voltage $230V$ Rated current $43.5A$ Rated frequency $50/6UTZ$ Automatic switchover time $20V$ TDU $2V$ Nopeearance $50/6UTZ$ Weight(approx) $210kg$ 20 Cmax. efficiency $98.2\%$ MPPT efficiency $98.2\%$ Operating temperature $-20^{\circ}C-55^{\circ}C$ Protection level $-20^{\circ}C-55^{\circ}C$ Noise emission(typical) $-35B$		Battery type	LiFePO4(LFP)					
DC inputMPPT range/nominal $125V-500V/360V$ Max. input current $12A$ MPPT tracker/strings $2/2$ Rated power w/va $10kW$ Max. Output Power $12.5kW 60S/15kW 1S$ Rated voltage $230V$ Rated voltage $230V$ Rated current $43.5A$ Rated frequency $50/60Hz$ Automatic switchover time $220ms$ THDU $220ms$ THDU $20ms^2$ Weight(approx) $210kg$ 210kg $230kg$ DC max. efficiency $98.2\%$ MPPT efficiency $99\%$ Operating temperature $-20^{\circ}C-55^{\circ}C$ Protection level $IP21$ Noise emission(typical) $-35dB$ Display $LCD$		Max. Input Power		13	3kW			
Max. input current $12A$ MPPT tracker/strings $2/2$ Rated power w/va $12.5kW$ Rated power w/va $12.5kW$ Max. Output Power $12.5kW$ Max. Output Power $12.5kW$ Rated voltage $23UV$ Rated current $43.5A$ Rated frequency $50/6U+Z$ Automatic switchover time $22Ums$ THDU $22Ums$ THDU $2Ums$ Veight(approx) $640mm^*490$ mm*1262m m $640mm^*490$ mm*1455.5Queight(approx) $210kg$ $230kg$ $291kg$ Automatic fliciency $9W$ MPPT efficiency $9W$ Operating temperature $-20^{\circ}C-55^{\circ}C$ Protection level $-20^{\circ}C-55^{\circ}C$ Noise emission(typical) $-35U$ Display $UCD$ LCD $UCD$		Max. PV voltage		5	50V			
Image: Here is the set of t	DC input	MPPT range/nominal	125V~500V/360V					
Rated power w/va $10 + W$ Max. Output Power $12.5 + W + 0S + 15 + W + 1S$ Max. Output Power $12.5 + W + 0S + 15 + W + 1S$ Rated voltage $23 + V + 15 + W + 1S$ Rated current $43 + 50 + 0 + 1S$ Rated frequency $50 + 0 + 1S + 1S + 1S + 1S + 1S + 1S + 1S$		Max. input current		1	2A			
And A. Output Power $12.5 kW 1S$ Rated voltage $23 V$ Rated current $43.5 A$ Rated frequency $50/6 Hz$ Automatic switchover time $22Vm$ THDU $2Vm$ Nappearance $640 mm^*490$ mm*1262m $640 mm^*490$ mm*1455.5Naget (approx) $210 kg$ $20 kg$ $291 kg$ Neight(approx) $210 kg$ $20 kg$ $291 kg$ Automatic switchover time $9V = 72V = V$ Nappearance $MPPT efficiency$ $9V = 72V = V$ Noise emission(typical) $-20V = V = V$ $V = 10V = V$ Noise emission(typical) $V = 10V = V$ $V = 10V = V$ Nappearance $V = 10V = V = V$ $V = 10V = V$ Noise emission(typical) $V = 10V = V$ $V = 10V = V$ Nappearance $V = 10V = V = V$ $V = 10V = V$ Nappearance $V = 10V = V = V$ $V = 10V = V$ Nappearance $V = 10V = V = V$ $V = 10V = V$ Nappearance $V = 10V = V = V$ $V = 10V = V$ Nappearance $V = 10V = V = V$ $V = 10V = V$ Nappearance $V = 10V = V = V$ $V = 10V = V$ Nappearance $V = 10V = V = V$ $V = 10V = V$ Nappearance $V = 10V = V$ $V = 10V = V$ Nappearance $V = 10V = V$ $V = 10V = V$ Nappearance $V = 10V = V$ $V = 10V = V$ Nappearance $V = 10V = V$ $V = 10V = V$ Nappearance $V = 10V = V$ $V = 10V = V$ Nappearance $V = 10V = V$ $V = 10V = V$ Nappea		MPPT tracker/strings		2	2/2			
Rated voltage $2\Im$ URated current $4\Im$ JJRated frequency $50/$ UAutomatic switchover time $2\Im$ UTHDU $2\Im$ UTHDU $2I$ USize(W/D/H) $210$ kgMeight(approx) $210$ kgDC max.efficiency $9^{1}$ kgMPPT efficiency $9^{1}$ kgOperating temperature $-20^{\circ}$ C- $5^{\circ}$ CProtection level $I$ Naise emission(typical) $I$ Sipalay $I$ Lipslay $-3I$		Rated power w/va		1(	)kW			
Alted current $43.5A$ Rated current $43.5A$ Rated frequency $50/60Hz$ Automatic switchover time $<20ms$ THDU $<2ms$ Size(W/D/H) $640mm^*490$ $mm^*1262m640mm^*490mm^*1455.5mm640mm^*490mm^*1649mmAutomatic spice210kg230kg291kg357kgWeight(approx)210kg230kg291kg357kgDC max. efficiency98.2\%99\%100\%100\%Automatic spice-20°C \sim 55°C100\%100\%100\%Automatic spice100\%100\%100\%100\%Automatic $		Max. Output Power		12.5kW 60	)S/15kW 1S			
Rated frequency $50/6$ HzAutomatic switchover time $<2/5$ THDU $<2/5$ THDU $<2/5$ Size(W/D/H) $640$ mm*490 mm*1262m mm*1455.5 mm $640$ mm*490 mm*1649m mm*1649m mm*1649m $640$ mm*490 mm*1842.5m mmAutomatic switchover time $210$ kg $230$ kg $291$ kg $357$ kgDC max. efficiency $98 \cdot 5^{-20} \cdot 5^{-5} \cdot 5$		Rated voltage		23	30V			
Rated frequency $50/60Hz$ Automatic switchover time $<20ms$ THDU $<2\%$ THDU $<2\%$ Size(W/D/H) $640mm^*490$ mm^*1262m m m $640mm^*190$ mm*1455.5 m $640mm^*190$ mm*1649m m m $640mm^*490$ mm*1842.5m m mWeight(approx) $210kg$ $230kg$ $291kg$ $357kg$ DC max. efficiency $98.2\%$ $98.2\%$ MPPT efficiency $99\%$ $120c - 55°C$ Protection level $1P21$ $120c - 55°C$ Noise emission(typical) $<35dB$ Display $LCD$	Eps output	Rated current		43	3.5A			
time $< 2 \cup U \cup S$ THDU $< 2 \cup S$ AppearanceSize(W/D/H) $640 mm^*490 mm^*1455.5 mm^*1649m mm^*1649m mm^*1842.5 mm^*1842.5 mm^*1649m mm^*1842.5 mm^*1842.5 mm^*1649m mm^*1842.5 mm^*1842.5 mm^*1842.5 mm^*1649m mm^*1842.5 mm^*1842.5 mm^*1649m mm^*1842.5 mm^*1842.5 mm^*1649m mm^*1842.5 mm^*1842.5 mm^*1842.5 mm^*1649m mm^*1842.5 mm^*1842.5 mm^*1649m mm^*1842.5 mm^*1842.5 mm^*1649m mm^*1842.5 mm^*1842.5 mm^*1649m mm^*1842.5 mm^*1649m mm^*1842.5 mm^*1649m mm^*1842.5 mm^*1649m$		Rated frequency		50/	60Hz			
AppearanceSize(W/D/H) $640 mm^*490 mm^*1262m m^*1455.5 mm^*1649m mm^*1649m mm^*1649m mm^*1842.5m mm^*1649m mm^*1842.5m mm^*1649m mm^*1842.5m mm^*1649m mm^*1842.5m mm^*1649m mm^*1842.5m mm^*1649m mm^*1842.5m mm^*1649m mm^*1649m mm^*1842.5m mm^*1649m mm^*1649m mm^*1649m mm^*1842.5m mm^*1649m mm$				<2	Oms			
AppearanceSize(W/D/H)mm*1262m mmm*1455.5 mmmm*1649m mmm*1842.5m mWeight(approx)210kg230kg291kg357kgDC max. efficiency98.2%MPPT efficiency99%Operating temperature-20°C~55°CProtection levelIP21Noise emission(typical)<35dB		THDU		<	2%			
DC max. efficiency98.2%MPPT efficiency99%Operating temperature-20°C~55°CProtection levelIP21Noise emission(typical)<35dB	Appearance	Size(W/D/H)	mm*1262m	mm*1455.5	mm*1649m	mm*1842.5m		
Aeneral lata MPPT efficiency 99% Operating temperature -20°C~55°C IP21 Noise emission(typical) <35dB Display LCD		Weight(approx)	210kg	230kg	291kg	357kg		
Operating temperature-20°C~55°CProtection levelIP21Noise emission(typical)<35dB		DC max. efficiency		98	8.2%			
General lata Protection level IP21   Noise emission(typical) <35dB		MPPT efficiency		9	9%			
Protection level IP21   Noise emission(typical) <35dB		Operating temperature	-20°C~55°C					
Noise emission(typical)<35dBDisplayLCD	General data	Protection level	IP21					
	Guiu	Noise emission(typical)	<35dB					
Interface CAN/RS485/WIFI		Display		L	CD			
		Interface		CAN/RS	6485/WIFI			

Company Profile

Pinsheng Energy with R&D located in Changsha City, Hunan Province, near to Guangzhou. It is a High-Tech Enterprise with 4,000 square meters workshop and 121 staffs. Pinsheng Energyh focus on developing and producing Lithium battery and battery system integration, after many years development and research, we have formed a complete industry chain from research, production to sales. Our lithium battery has the characteristics of longer cycle life, more higher security and more reliability, higher energy density and other superior performance. Our products are widely used in energy storage system such as off grid wind & solar energy storage, telecommunication system, UPS and etc and power system such as electric motorcycles, electric bikes, E- scooter, electric tricycles, golf cart, fork lift,electric vehiclesetc. Pinsheng Energy Battery products has a good reputation in China and abroad, it has strict quality guarantee system to ensure high-quality products. Pinsheng Energy put customers' needs at the first and listen to their suggestions. We will continuously improve our product quality and services. Pinsheng Energy is edicated to be a top OEM &ODM lithium battery manufacturer in the world.



### 1. who are we?

We are based in Hunan, China, start from 2011,sell to Western Europe(28.00%),North America(27.00%),Southeast Asia(18.60%),South America(5.00%),Eastern Asia(5.00%),South Asia(5.00%),Eastern Europe(3.00%),Africa(3.00%),Mid East(2.00%),Oceania(1.50%),Central America(1.00%),Northern Europe(0.50%),Southern Europe(0.30%),Domestic Market(0.10%). There are total about 101-200 people in our office.

### 2. how can we guarantee quality?

Always a pre-production sample before mass production; Always final Inspection before shipment;

#### 3.what can you buy from us?

battery,lithium battery,solar energy system,lithium power battery,lithium battery pack

#### 4. why should you buy from us not from other suppliers?

more than 4,500 square meters workshop and 150 staffs. more than 11 years OEM & ODM experiences and be a strong supplier of many well-known customers. Manufacturer competitive price Good after-sales service Integrity management On-time delivery

### 5. what services can we provide?

Accepted Delivery Terms: FOB,CFR,CIF,EXW,CIP,FCA,CPT,DEQ,DDP,DDU,Express Delivery,DAF,DES Accepted Payment Currency:USD,EUR,JPY,CAD,AUD,HKD,GBP,CNY,CHF; Accepted Payment Type: T/T,L/C,D/P D/A,MoneyGram,Credit Card,PayPal,Western Union,Cash,Escrow; Language Spoken: English Chinese Spanish Language Portuguese German Arabic French Bussian Korean Hindi Itali

Language Spoken:Engli	3h,Chinese,Spanish	,Japanese,Portuguese,	German,Arabic	,French,Russian,ł	Korean,Hindi,Italian
-----------------------	--------------------	-----------------------	---------------	-------------------	----------------------

	Hunan Pinsheng Energy Te	echnology Co., LTD.
<b>(</b> 15616151876	info@pinshengenergy.com	e rechargeable-liionbattery.com
NO. 259, Lixiang East	Road, Xiangfeng Technology Industry	y Park, Changsha City, Hunan, China.