

YH-ESS-BP100S16-MP-F

Modular floor-mounted home storage



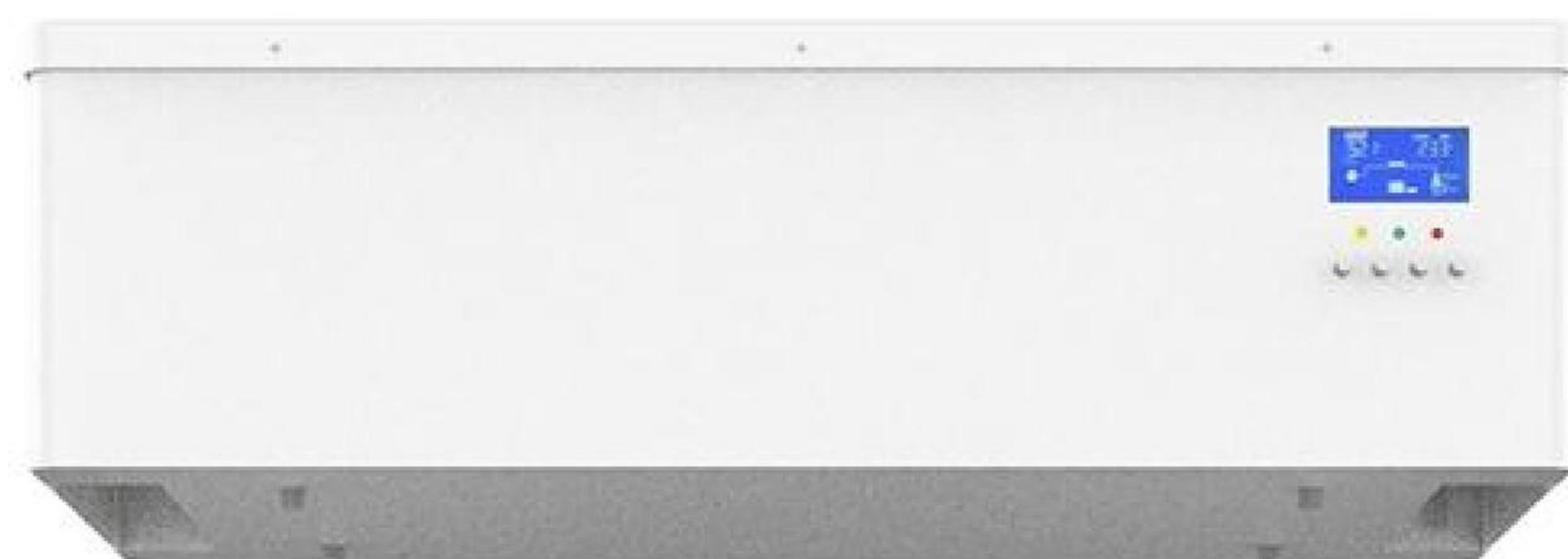
Product model	YH-ESS-BP100S16-MP-F	YH-ESS-BP200S16-MP-F	YH-ESS-BP300S16-MP-F	YH-ESS-BP400S16-MP-F	YH-ESS-BP500S16-MP-F	YH-ESS-BP600S16-MP-F	YH-ESS-BP700S16-MP-F	YH-ESS-BP800S16-MP-F
Cell type	LFP Square cell-3.2V100Ah							
Rated capacity(Ah)	100	200	300	400	500	600	700	800
Rated total energy(Kwh)	5.12	10.24	15.36	20.48	25.6	30.72	35.84	40.96
Rated voltage	51.2V (Single box)							
Voltage range	40V~58.4V							
System parameters								
Weight (single battery box)/Control box)	42	84	126	168	210	252	294	336
Single battery box size(Tall*Wide*Deep)	650*370*160mm	650*370*320mm	650*370*480mm	650*370*640mm	650*370*800mm	650*370*960mm	650*370*1120mm	650*370*1280mm
Protection level	IP54							
Cooling method	Natural cooling							
Operating environment	Charge:0°C~55°C/Discharge electricity:-20°C~60°C/Stockpile:-10°C~45°C/							
Installation method	Stacked							
Communication support	CAN, RS485,RS232							
Certify	MSDS/UN38.3/IEC/Transportation appraisal report							

Product dimensions are subject to actual delivery

Product features:

- High safety and long life: choose high consistency, safe and reliable lithium iron phosphate cells;
- It has municipal power bypass, inverter output, photovoltaic power generation and other methods, and has the function of uninterrupted power supply;
- Communication support CAN, RS485;
- Modular design, support 1~8 Battery boxes are used in series and in parallel;
- It has complete short-circuit protection, over-voltage protection, overload protection, anti-irrigation protection and other protection functions;
- It can match global mainstream inverters, such as: Victron, Voltronic, SMA, Aiswei,

YH-PDU-NKW-Uniphase



Product features:

- Improve the functions of self-test and operation status detection, with HMIDisplay screen, the system operation information is clear at a glance.
- Improve reliable system control and protection strategies to fully ensure battery safety and protect the life of battery packs.
- Modular design, configurable and scalable--Multiple energy storage units may be combined and expanded into a larger energy storage system;
- Maximum connection 16 Battery modules.
- Rich communication interface—Multiple RS485, CAN, Ethernet, dry contact input and output interfaces, support most on the market Personal computer Communicate with the monitoring server.
- Automatic cycle control and automatic merge/Off-grid control facilitates the parallel connection of battery packs.

Product type	YH-PDU-5Kilowatt-UNiphase	YH-PDU-10kw-Uniphase
Rated capacity(Ah)	100	200
Rated total energy(Kwh)	5.12	10.24
Rated voltage	51.2V (Single box)	
Voltage range	40~58.4V	
System parameters		
Weight (single battery box)/Control box)	42	84
Single battery box size(Tall*Wide*Deep)	650*370*154mm	670*370*310mm
Protection level	IP54	
Cooling method	Natural cooling	
Operating environment	Charge:0°C~55°C/Discharge electricity:-20°C~60°C/Stockpile:-10°C~45°C/	
Installation method	Stacked	
Communication support	CAN, RS485,RS232	
Certify	MSDS/UN38.3/IEC/Transportation appraisal report	

Product dimensions are subject to actual delivery

YH-ESS-BP100S16-MS-F

Modular floor-mounted home storage



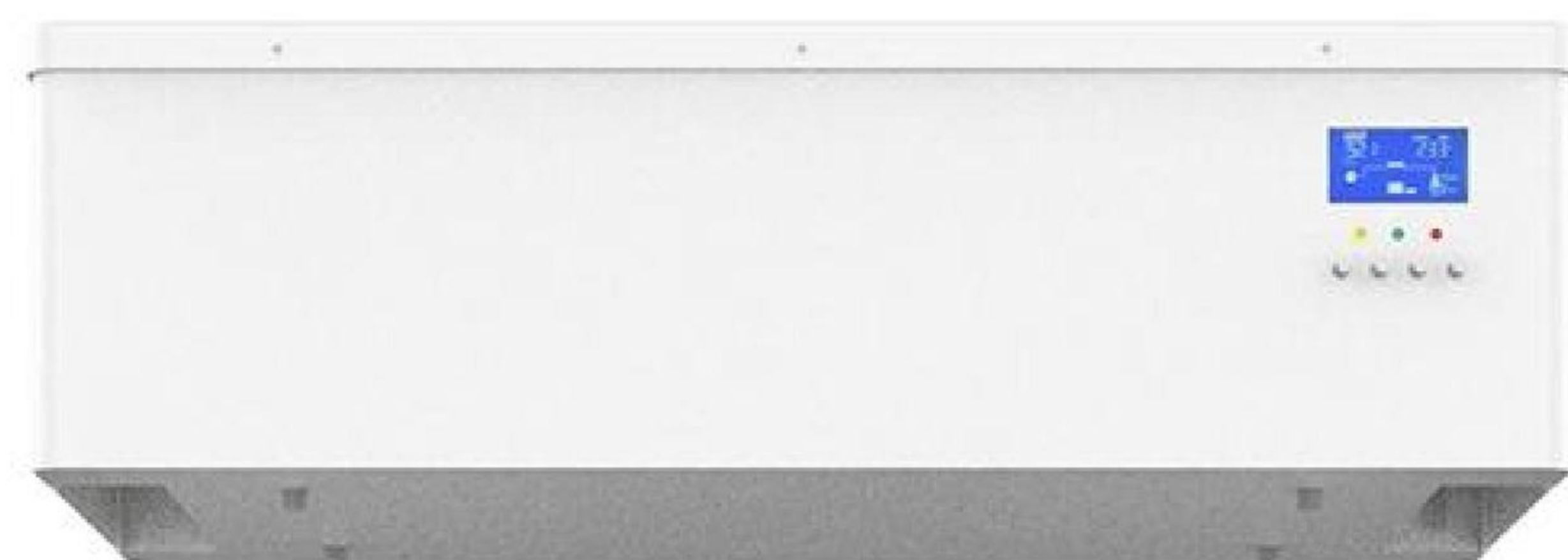
Product model	YH-ESS-BP100S32-MS-F	YH-ESS-BP100S48-MS-F	YH-ESS-BP100S64-MS-F	YH-ESS-BP100S80-MS-F	YH-ESS-BP100S96-MS-F	YH-ESS-BP100S112-MS-F	YH-ESS-BP100S128-MS-F	YH-ESS-BP100S144-MS-F
Cell type	LFPSquare cell-3.2V100Ah							
Rated capacity(Ah)	100	100	100	100	100	100	100	100
Rated total energy(Kwh)	10.24	15.36	20.48	25.6	30.72	35.84	40.96	46.08
The nominal voltage (V)	102.4V	153.6V	204.8V	256	307.2	358.4	409.6	460.8
Maximum charging voltage	116.8V	175.2	233.6V	292V	350.4V	408.8V	467.2V	525.6V
Minimum discharge voltage	80V	120V	160V	200V	240V	280V	320V	360V
System parameters								
Weight (battery box)+PDU)	100	140	180	220	260	300	340	380
Battery box+PDU Measurement(Wide*Deep*Tall)	650*370*480mm	650*370*640mm	650*370*800mm	650*370*960mm	650*370*1120mm	650*370*1280mm	650*370*1440mm	650*370*1600mm
Protection level	IP54							
Cooling method	Natural cooling							
Operating environment	Charge:0°C~55°C/Discharge electricity:-20°C~60°C/Stockpile:-10°C~45°C/							
Installation method	Stacked							
Communication support	CAN, RS485							
Certify	MSDS/UN38.3/IEC/Transportation appraisal report							

Product features:

- High safety and long life: choose high consistency, safe and reliable lithium iron phosphate cells;
- It has municipal power bypass, inverter output, photovoltaic power generation and other methods, and has the function of uninterrupted power supply;
- Communication supportCAN, RS485;
- Modular design, support1~16Battery boxes are stacked and used in series;
- It has complete short-circuit protection, over-voltage protection, overload protection, anti-irrigation protection and other protection functions;
- It can match global mainstream inverters, such as:Victron, Voltronic, SMA, Aiswei, Studer, Goodwe GrowattWait.

Product dimensions are subject to actual delivery

YH-PDU-S23-NA-750



Product features:

- Improve the functions of self-test and operation status detection, with HMI Display screen, the system operation information is clear at a glance.
- Improve reliable system control and protection strategies to fully ensure battery safety and protect the life of battery packs.
- Modular design, configurable and scalable--Multiple energy storage units may be combined and expanded into larger energy storage systems.
- Up to series 16 Battery modules;
- Rich communication interface—Multiple RS485, CAN, Ethernet, dry contact input and output interfaces, support most on the market Personal computer Communicate with the monitoring server.

Product type	YH-PDU-S23-100A-750	YH-PDU-S23-200A-750
Rated current(A)	100	200
Rated voltage (V)	750V	
Pulse voltage	2800VDC<1mA 1min	
Precision	1%FSR	
Protection level	IP20	
Measurement(Tall*Wide*Deep)	650*370*201	
Weight	20KG	
Battery charge and discharge management	Hold out	
System protection parameter settings	Hold out	
Pre-charge function	Hold out	
Dual power supply	Hold out	
Insulation detection	Hold out	
Human-machine interface display	Touch screen	
Operating environment	Charge:0°C~55°C/Discharge electricity:-20°C~60°C/Stockpile:-10°C~45°C/	
Ambient humidity	5%~75% RH	
Communication support	CAN, RS485	
Certify	MSDS/UN38.3/IEC/Transportation appraisal report	

Product dimensions are subject to actual delivery