ES-HOME SERIES

ENERSHARE

Shenzhen Enershare Technology Co.,Ltd

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Enershare ES-Home Series

Features

- Remote control.
- Easy to move.
- Modular design, capacity/power can be freely selected.
- Use LFP cell, safe and reliable, with a design life of more than 10 years.

Application Scenario

home energy storage

UPS

industrial and commercial

Enershare ES-Home Series

Parameters

Model	ES-Home 3k6E	ES-Home 5k0E	ES-Home 6k0E	ES-Home 7k0E	ES-Home 8k0E
AC data(on-grid)					
Rating power	3.6kva	5kva	6kva	7kva	8kva
AC input voltage range	170~280Vac				
AC input frequency range	47.5~51.5Hz/57~61.5Hz				
ITHD	<3%				
Max AC Current	18	25	28.7	35	36.3
AC data (Battery mode)					
Max. output power	3.96kva	5.5kva	6.6kva	7.7kva	8.8kva
Overload Capacity (battery mode)	--@120%;10min@150%;60s@200%				
VTHD	<3%@Linear Load				
Rated AC Voltage	L/N/PE /220/230/240Vac±3%				
Rated AC Frequency	50/60Hz				
Output Wave	Pure Sine Wave				
Switch Time	< 10ms				
ITHD	<3%				
Battery data					
Voltage range	85-500Vdc				
Battery Type	Li-ion(LFP)				
Battery Capacity	2.56kwh*N（N=2~8）				
Max discharge current	30A				
Max charge current	30A				
Max. Battery Charging Conversion Efficiency	97.3%				
Max. Battery Discharge Conversion Efficiency	97.3%				

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Parameters

PV data					
Recommended PV Power	4680W	6500W	7800W	9100W	10400W
Max PV Voltage	600Vdc				
MPPT Voltage Range	100-550Vdc				
Max PV Current/string	14A				
NO. of strings per MPPT NO. of MPPT	1/2				
MPPT Efficiency	>99%				
Max. on-grid Efficiency	98.2%				
System data					
Protections	**PCS**: Over/under voltage; Over/under frequency; Anti-islanding; ISO-resistance; RCD; Over load etc. **Battery**: Over/under voltage; Over load; Over Temperature, etc. **System**: Integrate SPD; MCB; Fuse; COM monitoring, etc.				
Noise (typical)	<30db				
HMI	WIFI +App +LED				
Working Temperature	0-45℃				
Humidity	10%-90%				
Altitude	1000m(-1%/100m)				
Installation	Wall mounting(inverter),cabinet(battery)				
Dimension	Depending on the capacity				
Weight	Depending on the capacity				
Warranty	5years(free);10years(option)				