NewTrend



High-voltage Stacked Residential Storage System

SHANGHAI NEWTREND ELECTRIC CO., LTD.

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Selectable scope: YES-HV3993 only. Other family tables retained as reference; not offered pending confirmation.
Supplied certificates, project compatibility and OEM commercial/warranty terms: To be confirmed.

Product Parameter

Item	Category	Parameters			
1	Model	YES-1HV3993	YES-2HV3993	YES-3HV3993	YES-4HV3993
2	Number of Battery Packs	1	2	3	4
3	Rated Capacity	3.99KWH	7.98KWH	11.97KWH	15.96KWH
4	Cell Specification	52ah LiFePO4			
5	Rated Voltage	76.8V	153.5V	230.4V	307.2V
6	Charging Temperature Range	0-55°C			
7	Discharging Temperature Range	-10-55°C			
8	Storage Temperature	-20-55°C(optimal: 0-35°C)			
9	Dimensions (WDH) mm	560*170*700	560*170*1100	560*170*1500	560*170*1900
10	Continuous Charge/ Discharge Current	26A			
11	Maximum Charge/ Discharge Current	52A			
12	Cycle Life	5000(0.2C, 80% DOD, 25±2°C)			
13	Communication	CAN/RS485			
14	Weight	60KG	95KG	130KG	165KG
15	Relative Humidity	< 95%(Non-condensing)			
16	Protection Level	IP54			
17	Cooling Method	Natural Cooling			
18	Altitude	< 2000m			
19	Standards	IEC62619 UN38.3			

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Product Parameter

Item	Category	Parameters			
1	Model	YES-1HV7833	YES-2HV7833	YES-3HV7833	YES-4HV7833
2	Number of Battery Packs	1	2	3	4
3	Rated Capacity	7.83KWH	15.66KWH	23.49KWH	31.33KWH
4	Cell Specification	102ah LiFePO4			
5	Rated Voltage	76.8V	153.5V	230.4V	307.2V
6	Charging Temperature Range	0-55°C			
7	Discharging Temperature Range	-10-55°C			
8	Storage Temperature	-20-55°C(optimal: 0-35°C)			
9	Dimensions (WDH) mm	830*170*730	830*170*1130	830*170*1530	830*170*1930
10	Continuous Charge/ Discharge Current	52A			
11	Maximum Charge/ Discharge Current	102A			
12	Cycle Life	6000(0.2C, 80% DOD, 25±2°C)			
13	Communication	CAN/RS485			
14	Weight	85KG	145KG	205KG	265KG
15	Relative Humidity	< 95%(Non-condensing)			
16	Protection Level	IP54			
17	Cooling Method	Natural Cooling			
18	Altitude	< 2000m			
19	Standards	IEC62619 UN38.3			

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