NewTrend



High-voltage Rack-mounted Residential Storage System

SHANGHAI NEWTREND ELECTRIC CO., LTD.

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Supplied certification, inverter compatibility and OEM warranty: To be confirmed.

Product Parameter

Item	Category	Parameters			
1	Model	YER-1HV3993	YER-3HV3993	YER-6HV3993	YER-10HV3993
2	Number of Battery Packs	1	3	6	10
3	Rated Capacity	3.99KWH	11.97KWH	23.95KWH	39.93KWH
4	Cell Specification	52ah LiFePO4			
5	Rated Voltage	76.8V	230.4V	460.8V	768V
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	Overall Dimensions (WDH) mm	500*610*1600			
10	Pack Dimensions (WDH) mm	380*460*150			
11	Continuous Charge/ Discharge Current	26A			
12	Maximum Charge/ Discharge Current	52A			
13	Cycle Life	5000(0.2C, 80% DOD, 25±2°C)			
14	Communication	CAN/RS485			
15	Weight	155KG	225KG	330KG	470KG
16	Relative Humidity	< 95% (Non-condensing)			
17	Protection Level	IP54(Overall Unit)			
18	Cooling Method	Natural Cooling			
19	Altitude	< 2000m			
20	Standards	IEC62619 UN38.3			

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Product Parameter

Item	Category	Parameters			
1	Model	YER-1HV7833	YER-3HV7833	YER-6HV7833	YER-10HV7833
2	Number of Battery Packs	1	3	6	10
3	Rated Capacity	7.83KWH	23.49KWH	46.98KWH	78.33KWH
4	Cell Specification	102ah LiFePO4			
5	Rated Voltage	76.8V	230.4V	460.8V	768V
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	Overall Dimensions (WDH) mm	600*860*1900			
10	Pack Dimensions (WDH) mm	380*460*150			
11	Continuous Charge/ Discharge Current	51A			
12	Maximum Charge/ Discharge Current	102A			
13	Cycle Life	6000(0.2C, 80% DOD, 25±2°C)			
14	Communication	CAN/RS485			
15	Weight	215KG	335KG	515KG	755KG
16	Relative Humidity	< 95% (Non-condensing)			
17	Protection Level	IP54(Overall Unit)			
18	Cooling Method	Natural Cooling			
19	Altitude	< 2000m			
20	Standards	IEC62619 UN38.3			