



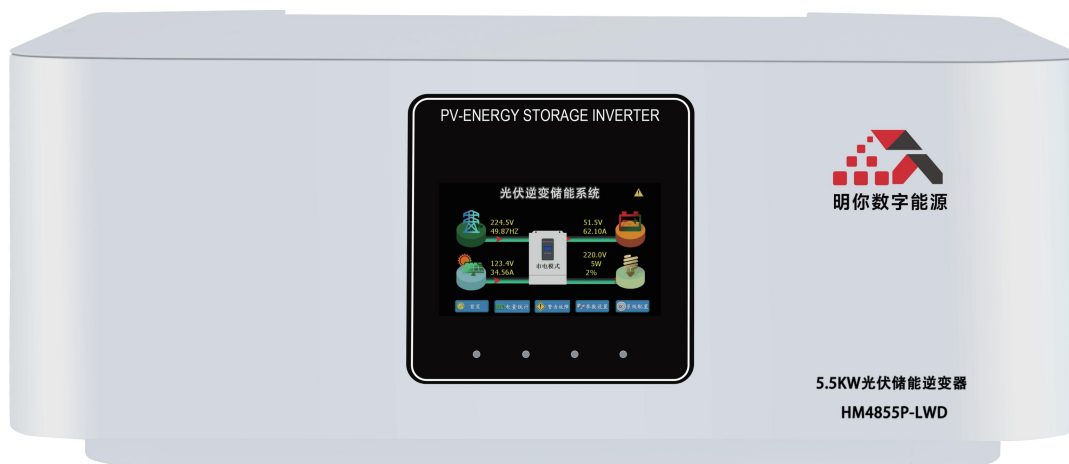
Stacked Photovoltaic storage inverters

M4855P

5.5KW

Functional Description

- Stacked design, free combination.
- Communication support.
- Constant voltage protection appliances
- Support management upgrading and customization of user's special requirements.





Model	M4855P	settable
inverter output		
Rated output power	5500/5000KW	
Max. peak power	11000/10000KW	
Rated output voltage	L+N+PE 208/220/230/240Vac	Y
Carrying motor capacity	4HP	
rated power	50/60HZ	
Output Waveform	pure sine wave	
switching time	10ms(typical value)	
Number of parallel machines	9	
Battery		
Battery type	lead-acid battery/lithium ion battery/User-defined	Y
Rated Battery Voltage	12V	
Voltage range	40-60Vdc	Y
Maximum photovoltaic charging current	80A	Y
Maximum mains/generator charging current	80A	Y
Maximum hybrid charging current	80A	Y
Photovoltaic input		
Number of MPPT paths	1	
Maximum Input Power	6000W	
Maximum Input Current	18A	
Maximum Open Circuit Voltage	50Vdc	
MPPT working Voltage range	120-430Vdc	
Mains/generator input		
Input Voltage range	UPS: 170-264Vac; APL: 90-280Vac	Y
Input frequency range	50/60HZ Adaptive	
Bypass overload current	40A	
Efficiency		
MPPT Tracking Efficiency	99.5%	
Battery inverter efficiency	94%	
Basic parameters		
Size	555*440*220mm	
Protection level	IP21	
environmental temperature	-20-55°C, > 40°C degraded to80%	
Humidity range	20%-95% non-condensing	
Cooling method	Built-in fan	
Warranty Time	2 years	
communication		
built-in interface	RS485/CAN/USB/dry contact	