



# MicroPV 1500L Series

**1000kW / 1250W / 1500W 3:3 / PF-1**

MicroPV 1500 Series is a 10ft containerized Solar Inverter solution widely used in large-scale centralized power supply projects such as remote areas, islands, and distributed generation. Its solution is convenient to transport and easy to install which will greatly shorten the construction period and save construction costs as it can be directly installed outdoors. MicroPV Series is equipped with a one-stop intelligent data management platform to provide flexible and efficient solutions for industrial and commercial power stations, poverty alleviation power stations, and ground power stations. MicroPV 1500 series provides flexible three capacities options of 1000W / 1250W / 1500W that fit any large-scale solar distributed power plant



Max. PV voltage up to 1000V  
Max. 20 DC inputs



Ip54 Outdoor Protection  
Modular design for  
Easy maintenance



Max. DC/AC ratio up to 1.5  
Full power output under 50°C



AGC/AVC  
Night SVG function  
LVRT/HVRT/FRT function

## Technical Specifications

MODEL	MicroPV 1000L	MicroPV 1260L	MicroPV 1500L
<b>Input</b>			
Max. DC input voltage	1000Vdc		
MPPT voltage range	450~850Vdc	520~850Vdc	500~850Vdc
Number of DC input	14(14~16 optional)	16(16~18 optional)	20(20~24 optional)
Max. input current	2400A	2800A	3000A
<b>Output</b>			
Rated output power	1000kW	1260kW	1500kW
Max. output power	1100kW	1380kW	1650kW
Rated output voltage	315Vac	360Vac	350Vac
AC output topology	3W+PE		
Output voltage range	(1±15%)×Rated AC Voltage (adjustable ±5%,±10%,±15%,±20%)		
Grid frequency range	50 / 60Hz(±4.5Hz) (adjustable)		
Rated AC output current	1836A	2020A	2474A
Max. AC output current	2014A	2222A	2720A
Power factor (cosφ)	1 ( 0.9 leading – 0.9 lagging) (adjustable)		
THDi	<3%		
<b>System features</b>			
Max. efficiency	98.7%		
Euro efficiency	98.5%		
MPPT efficiency	>99%		
Standby (night time) losses	<100W		
Cooling type	Forced air cooling		
Communication interface	RS485, External Ethernet (optional)		
<b>Environment</b>			
Operating temperature	-40 C ~ +60 C (More than 50 C derating)		
Humidity range	0 ~ 95% (non-condensing)		
Altitude	3000m		
Noise level	<65dB		<75dB
Protection rating	IP54		
<b>Physical</b>			
Dimensions W x D x H (mm)	2991x2438x2591		
Weight(t)	5	5.2	5.5

Specifications subject to change without prior notice.