



MicroPV 3400H Series

3125W / 3400W 3:3 / PF-1

MicroPV 3400H Series is a 20ft 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 3400H series provides flexible two capacities options of 3125W / 3400W that fit any large-scale solar distributed power plant



Max. PV voltage up to 1000V
Max. 28 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

GSM Series Technical Specifications

MODEL	MicroPV 3125H	MicroPV 3400H
Input		
Max. DC input voltage	1500Vdc	
MPPT voltage range	920~1300Vdc	
Number of MPPT	2	
Number of DC input	28	
Max. input current	4080A	
Output		
Rated output power	3125kW	3400kW
Max. output power	3600KW (25°C)	
Rated output voltage	630Vac	
AC voltage range	504V~693V (adjustable)	
Rated grid frequency	50/60Hz	
Grid frequency range	50/60(±4.5Hz) (adjustable)	
Power factor (cosΦ)	1(0.8 leading-0.8 lagging) (adjustable)	
THDi	<3%	
Grid connection system	3W+PE	
System Features		
Max. efficiency	99%	
Euro efficiency	98.7%	
MPPT efficiency	>99%	
Cooling type	Forced air cooling	
Communication interface	RS485	
Protection Devices		
AC leakage current fault protection	Yes	
LVRT/HVRT	Yes	
Ground fault protection	Yes	
Anti-islanding protection	Yes	
DC overvoltage protection	Yes	
DC surge protection	Yes	
AC surge protection	Yes	
DC reverse-polarity protection	Yes	
Environment		
Operating temperature	-40°C~+60°C (More than 50°C derating)	-40°C~+60°C (More than 45°C derating)
Humidity range	0~95% (non-condensing)	
Altitude	3000m	
Noise level	<65dB	
Protection rating	IP54	
Physical		
Dimensions W x D x H (mm)	2991x2438x2591	
Weight(t)	5	

Specifications subject to change without prior notice.