

Microinverter



MS High Series 3680~6000W

- ◆ Up to 6 MPPT, maximum 12 modules
- ◆ 97.2%+ peak efficiency
- ◆ Wifi/Bluetooth/RS485
- ◆ Zero-feeding to the grid
- ◆ 25 years design lifetime, 12 years warranty

Product Model	MS3680H	MS3750H	MS4000H	MS4600H	MS5000H	MS6000H
Input (DC)						
Recommended Module Power [W]	400 ~ 700+					
Start up Voltage [V]	24					
MPPT Voltage Range [V]	22~120					
Max. Input Voltage [V]	120					
Max. Input Short-circuit Current [A]	25					
Max. Input Current per Input [A]	20					
Quantity of MPPTs	4	4	4	5	5	6
Quantity of DC Inputs	4	4	4	5	5	6
Output (AC)						
Nominal Continuous Output Power [W]	3680	3750	4000	4600	5000	6000
Max. Output Current [A]	16	18.75	20	23	25	30
Nominal Output Voltage [V]	220/230/240, L/N/PE					
Nominal Frequency [Hz]	50/60					
Power Factor	>0.99 default, 0.8 leading ... 0.8 lagging					
Output Current Harmonic Distortion	<3%					
Efficiency						
Peak Inverter Efficiency	97.2%					
EU Efficiency	96.7%					
Nominal MPPT Efficiency	99.9%					
Night Time Power Consumption	<1 W					
Mechanical Data						
Dimensions [WxHxD mm]	471 * 371 * 70					
Weight [kg]	11					
General Data						
Communication	WiFi (Bluetooth) or RS485 (4G Optional)					
Cable/Assembling	AC Cable up to 0.2m					
Type of Isolation	Transformerless					
Type of Enclosure	IP67					
Cooling	Natural convection					
Operating Ambient Temperature Range	-40 ~ +65 °C (derating of over 50°C Ambient Temperature@ PV input 30V)					
Relative Humidity	100%					
Max. Operating Altitude Without Derating [m]	2000					