

# GSH Series Technical Specifications

MODEL	GSH1000	GSH2000-MX
<b>INPUT</b>		
Max. DC input power	1100KW	2200KW
Max.DC input voltage	1500Vdc	
MPPT tracking voltage range	800 ~ 1275Vdc	
DC input number	8	16
Max. input current	1400A	2800A
<b>OUTPUT</b>		
Rated output power	1000KW	2000KW
Rated output voltage	525Vac	
Output voltage range	(1±15%) x Normal AC Voltage (adjustable ±5%,±10%,±15%,±20%)	
Gird frequency range	50/60Hz(±4.5Hz), (adjustable)	
Rated AC output current	1100A	2200A
Max. AC output current	1210A	2420A
Power factor (cosΦ)	1 ( 0.9 leading – 0.9 lagging) (adjustable)	
Total harmonic current distortion (THDi)	<3%	
<b>SYSTEM FEATURES</b>		
Max. efficiency	98.8%	
Euro efficiency	98.6%	
MPPT efficiency	>99%	
Standby (night time) losses	<10W	
Cooling	Forced air cooling	
Communication interface	RS485, external Ethernet (optional)	
<b>ENVIRONMENTAL</b>		
Operating temperature	-40°C ~ +60°C ( More than 55°C derating )	
Humidity range	0~95% (non-condensing)	
Altitude	3000m	
Noise level	<60dB	
Protection rating	IP21	IP54
<b>PHYSICAL</b>		
Dimension W×D×H (mm)	1800×900×2200	4300×2438×2591
Net Weight (kg)	1350	7000

Specifications subject to change without prior notice.