

GSL-MX Series Technical Specifications

MODEL	GSL0500T-DDU-MX	GSL0630T-DDU-MX	GSL1000T-DDU-MX	GSL1260T-DDU-MX
INPUT				
Max. DC input power	550KW	690KW	1100KW	1386KW
Max. DC input voltage	1000Vdc			
MPPT tracking voltage range	450~850Vdc			
Number of DC input tracking	8	10	16	20
Max. input current	1200A	1440A	2400A	2880A
OUTPUT				
Rated output power	500KW	630KW	1000KW	1260KW
Rated output voltage	400Vac			
AC output topology	3Ph+PE			
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	722A	909A	1444A	1818A
Max. AC output current	794A	1000A	1588A	2000A
Power factor (cosΦ)	1 (0.9 leading – 0.9 lagging) (adjustable)			
Total harmonic current distortion (THDi)	<3%			
SYSTEM FEATURES				
Max. efficiency	98.1%			
Euro efficiency	97.8%			
MPPT efficiency	>99%			
Standby(night time) losses	<10W			
Cooling	Forced air cooling			
Communication interface	RS485, external Ethernet (optional)			
ENVIRONMENTAL				
Operating temperature	-40°C ~ +60°C (More than 55°C derating)			
Humidity range	0~95% (non-condensing)			
Altitude	3000m			
Noise level	<70dB			
Protection rating	IP54			
PHYSICAL				
Dimension W×D×H (mm)	4300×2438×2896		6058×2438×2896 4300×2438×2896 (With DC Power Distribution)	
Net Weight (t)	5	5.2	9	9.2
STANDARDS				
CQC	CNCA/CTS0004-2009A, CNCA/CTS0006-2010, NB/T 32004-2013			
CE	IEC62109-1, IEC62109-2			
TUV	IEC62109-1, IEC62109-2, IEC/EN61000-6-2, IEC/EN61000-6-4, etc			

Specifications subject to change without prior notice.