

GSL SERIES Central Grid-tied PV Inverter Technical Specifications

MODEL	GSL0500	GSL0630	GSL0750
INPUT			
Max. DC input power	550KW	690KW	825KW
Max.DC input voltage	1000Vdc		
MPPT tracking voltage range	450 ~ 850Vdc		
DC input number	7(7~12可选)	9(8~12可选)	10(9~12可选)
Max. input current	1200A	1440A	1500A
OUTPUT			
Rated output power	500KW	630KW	750KW
Rated output voltage	315Vac	315Vac	350Vac
Output voltage range	(1±15%)×Normal AC Voltage (adjustable ±5%,±10%,±15%,±20%)		
Gird frequency range	50 / 60Hz(±4.5Hz), (adjustable)		
Rated AC output current	916A	1155A	1237A
Max. AC output current	1007A	1212A	1360A
Power factor (cosΦ)	1 (0.9超前 – 0.9滞后连续可调)		
Total harmonic current distortion (THDi)	<3%		
SYSTEM FEATURES			
Max. efficiency	98.7%		
Euro efficiency	98.5%		
MPPT efficiency	>99%		
Standby (night time) losses	<10W		
Cooling	Forced air cooling		
Communication interface	RS485, external Ethernet (ptional)		
ENVIRONMENTAL			
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		
PHYSICAL			
Dimension W×D×H (mm)	1600×850×2000		
Net Weight (kg)	1200	1300	1450
STANDARDS			
Safety	IEC/EN62109-1,IEC/EN62109-2,VDE0126-1-1, VDE AR N4105,G83/59/EEG2012, AS3100/4777,CEI 0-21,, NB/T 32004-2013,etc		
EMC	EN61000-6-2, EN61000-6-3, EN61000-3-11, EN61000-3-12, etc		

Specifications subject to change without prior notice.