

GSL1000C / GSL1260C / GSL1500C

DC1000V Container Solution



Max. PV voltage up to 1000V
Max. 20 DC inputs



Max. DC/AC ratio up to 1.5
Full power output under 50°C



IP54 outdoor protection
Modular design for
Easy maintenance



AGC/AVC
Night SVG function
LVRT/HVRT/FRT function

Technical Specifications

MODEL	GSL1000C	GSL1260C	GSL1500C
Input			
Max. DC input voltage	1000Vdc		
MPPT voltage range	450~850Vdc	520~850Vdc	500~850Vdc
Number of DC input	14(14~16 optional)	16(16~18 optional)	20(20~24 optional)
Max. input current	2400A	2800A	3000A
Output			
Rated output power	1000kW	1260kW	1500kW
Max. output power	1100kW	1380kW	1650kW
Rated output voltage	315Vac	360Vac	350Vac
AC output topology	3W+PE		
Output voltage range	(1±15%)×Rated AC Voltage (adjustable ±5%,±10%,±15%,±20%)		
Grid frequency range	50 / 60Hz(±4.5Hz) (adjustable)		
Rated AC output current	1836A	2020A	2474A
Max. AC output current	2014A	2222A	2720A
Power factor (cosΦ)	1 (0.9 leading – 0.9 lagging) (adjustable)		
THDi	<3%		
System features			
Max. efficiency	98.7%		
Euro efficiency	98.5%		
MPPT efficiency	>99%		
Standby (night time) losses	<100W		
Cooling type	Forced air cooling		
Communication interface	RS485, External Ethernet (optional)		
Environment			
Operating temperature	-40 C ~ +60 C (More than 50 C derating)		
Humidity range	0 ~ 95% (non-condensing)		
Altitude	3000m		
Noise level	<65dB		<75dB
Protection rating	IP54		
Physical			
Dimensions W x D x H (mm)	2991x2438x2591		
Weight(t)	5	5.2	5.5

Specifications subject to change without prior notice.