




GSM3125C / GSM3400C
DC1500V Container Solution



 Max. PV voltage up to 1500V
Max. 28 DC inputs

 IP54 outdoor protection
Modular design for
Easy maintenance

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

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

GSM Series Technical Specifications

MODEL	GSM3125C	GSM3400C
Input		
Max. DC input voltage	1500Vdc	
MPPT voltage range	920-1300Vdc	
Number of MPPT	2	
Number of DC input	28	
Max. input current	4080A	
Output		
Rated output power	3125kW	3400kW
Max. output power	3600KW (25° C)	
Rated output voltage	630Vac	
AC voltage range	504V-693V (adjustable)	
Rated grid frequency	50/60Hz	
Grid frequency range	50/60(± 4.5Hz) (adjustable)	
Power factor (cos Φ)	1(0.8 leading-0.8 lagging) (adjustable)	
THDi	<3%	
Grid connection system	3W+PE	
System Features		
Max. efficiency	99%	
Euro efficiency	98.7%	
MPPT efficiency	>99%	
Cooling type	Forced air cooling	
Communication interface	RS485	
Protection Devices		
AC leakage current fault protection	Yes	
LVRT/HVRT	Yes	
Ground fault protection	Yes	
Anti-islanding protection	Yes	
DC overvoltage protection	Yes	
DC surge protection	Yes	
AC surge protection	Yes	
DC reverse-polarity protection	Yes	
Environment		
Operating temperature	- 40°C ~ + 60°C (More than 50°C derating)	- 40°C ~ + 60°C (More than 45°C derating)
Humidity range	0 ~ 95% (non-condensing)	
Altitude	3000m	
Noise level	<65dB	
Protection rating	IP54	
Physical		
Dimensions W x D x H (mm)	2991x2438x2591	
Weight(t)	5	

Specifications subject to change without prior notice.