

**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
<b>Input</b>		
Max. DC input voltage	1500Vdc	
MPPT voltage range	920-1300Vdc	
Number of MPPT	2	
Number of DC input	28	
Max. input current	4080A	
<b>Output</b>		
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 (cosΦ)	1( 0.8 leading-0.8 lagging ) (adjustable)	
THDi	<3%	
Grid connection system	3W+PE	
<b>System Features</b>		
Max. efficiency	99%	
Euro efficiency	98.7%	
MPPT efficiency	>99%	
Cooling type	Forced air cooling	
Communication interface	RS485	
<b>Protection Devices</b>		
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	
<b>Environment</b>		
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	
<b>Physical</b>		
Dimensions W x D x H (mm)	2991x2438x2591	
Weight(t)	5	

Specifications subject to change without prior notice.