

Technical Specifications

MODEL	GSM3125C
Input(DC)	
Max. DC Input Voltage	1500Vdc
Min./Start Voltage	920V/980V(adjustable)
MPPT Voltage Range	920~1300V
No. of MPPT	2
No. of DC Input	Max. 28*250A (16*400A optional)
Max. DC Input Current	4080A
Output(AC)	
Rated AC Output Power	3125kW@50°C
Max. AC Output Power	3600kW@25°C
Rated AC Voltage	630Vac, 3W+PE
AC Voltage Range	504Vac~693Vac
Rated Grid Frequency	50/60Hz
AC Grid Frequency Range	45~55/55~65(adjustable)
Rated Output Current	2864A
Max. Output Current	3299A
Power Factor (cosΦ)	0.8leading~0.8lagging
THDi	<3%
Efficiency	
Max. Efficiency	99.00%
Euro Efficiency	98.70%
Protection	
DC Input Protection	Circuit Breaker
AC Output Protection	Circuit Breaker
Surge Protection	DC Type II/AC Type II
Anti-islanding Protection	Yes
Insulation Monitoring	Yes
Leakage Current Monitoring	Yes
Overheat Protection	Yes
DC Reverse Polarity Protection	Yes
AC Short-circuit Protection	Yes
Anti-PID Function	Optional
General Specifications	
Dimensions (W x H x D) mm	2991*2591*2438
Weight(kg)	5000
IP Class	IP54
Topology	Transformerless
Operating Ambient Temperature Range	-40 ~ +60°C (> 50°C derating)
Operating Relative Humidity Range	0~100%
Max. Operating Altitude	4000m (> 3000m derating)
Cooling Method	Forced Air Cooling
Power Consumption at Night	< 100W
Communication	Modbus RS485
Display	Touch Screen

*Specifications subject to change without prior notice.



DC 1500V Container Solution

- Max. PV Voltage up to 1500V
DC/AC Ratio up to 1.5
- AGC/AVC Night SVG Function
LVRT/HVRT/FRT Function
- Full Power Output Nnder 50°C
IP54 Outdoor Protection
- Modular Design for Easy Maintenance
Max. 28 DC Inputs