

》 GSM2500C-MV

DC1500V Turnkey Solution (Inverter+MV Transformer+RMU)



Max. PV voltage up to 1500V
 Max. 24 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		GSM2500C-MV
Input		
Max. DC input voltage		1500Vdc
MPPT voltage range		800~1300Vdc
Number of DC input		20~24
Max. input current		3500A
Output		
Rated output power		2500kW
Max. output power		2750kW
AC output voltage		10~35kV
LV/MV voltage		0.55kV / 10~35kV
Grid frequency range		50 / 60Hz(±4.5Hz) (adjustable)
Power factor (cosΦ)		1 (0.9 leading – 0.9 lagging) (adjustable)
THDi		<3%
System features		
Inverter Max. efficiency		99%
Inverter Euro efficiency		98.7%
MPPT efficiency		>99%
Cooling type		Forced air cooling
Communication interface		RS485, External Ethernet (optional)
Environment		
Operating temperature range		-40 C ~ +60 C (More than 50 C derating)
Humidity range		0 ~ 95% (non-condensing)
Altitude		2000m
Noise level		<65dB
Protection rating		IP54
Protection devices		
AC leakage current fault protection		Yes
LVRT		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
Physical		
Dimensions W x D x H (mm)		6058X2438X2896
Weight(t)		16

Specifications subject to change without prior notice.