
String Inverter Macsun Solar SCP100KW

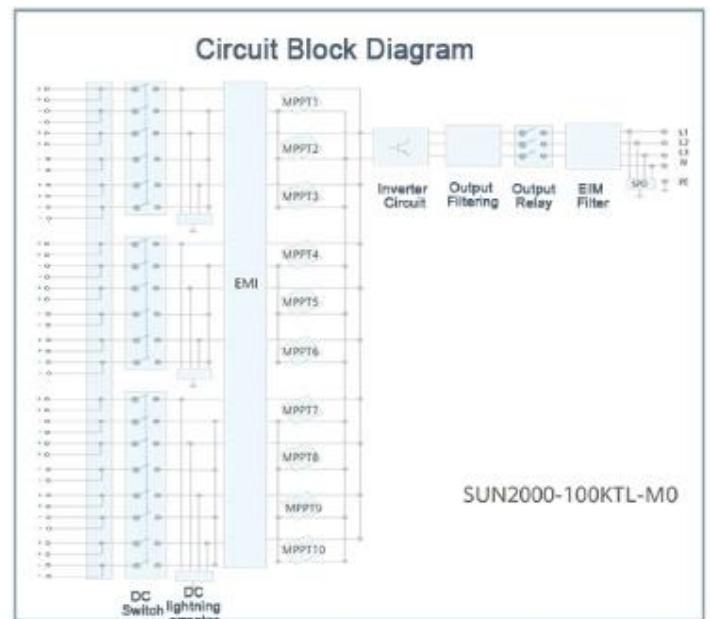
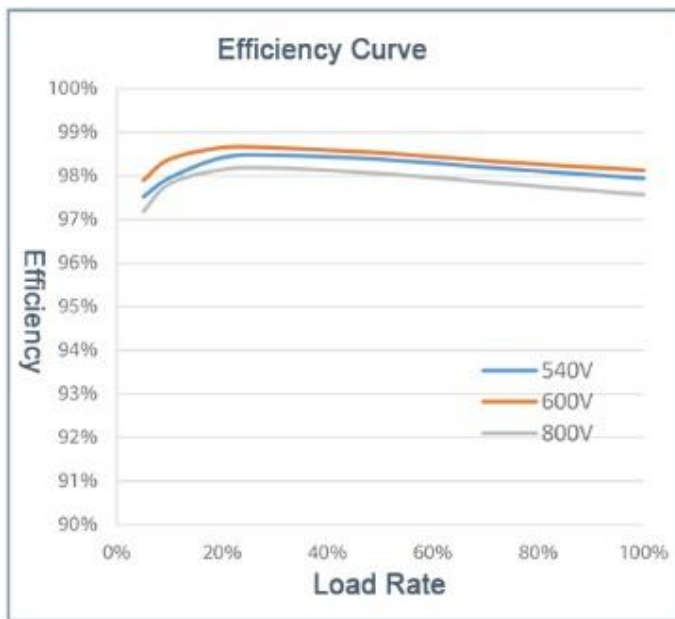
Maximum efficiency of 98.6%, Compact design, Sound control, Multi MPP controller, MTL string, Internal DC switch, Optional AC switch, Transformerless, Smart string monitoring and Fuse protection.



Specifications:

Support IV diagnosis	Maximum efficiency 98.6%
Fuseless Design	IP66 protection class
20-channel high-precision string detection	10 way MPPT
Support MBUS communication	Built-in AC and DC lightning protection

Description:



Technical Specification:

Efficiency	
Max. efficiency	98.6 %
Chinese efficiency	98.1 %
Input	
Maximum DC input voltage ¹	1100V

Maximum input current of each MPPT	26A
Maximum short-circuit current of each MPPT	40A
MPPT voltage range	200V~1000V
Rated input voltage	600V
Maximum number of input channels	20
Number of MPPTs	10
Output	
Rated Output Power	100,000 W
Maximum Apparent Power	110,000 VA
Maximum Active Power	110,000 W
Rated Output Voltage	3x220V/380V,3x230V/400V,3W+N+PE
Rated Output Current	5Hz
Output Voltage Frequency	152.0A(380Vac),144.4A(400Vac)
Maximum Output Current	168.8A(380Vac),160.4A(400Vac)
Adjustable power factor	0.8 leading ... 0.8 lagging
Max. total harmonic distortion	< 3 %
Protection & Feature	
Input DC switch	Yes
Anti-islanding protection	Yes
Output overcurrent protection	Yes
Input reverse polarity protection	Yes
String fault detection	Yes
DC surge protector	TYPEII
AC surge protection	TYPEII
Insulation resistance detection	Yes

Residual current detection	Yes
Communication	
Show	LED indicator; built-in WLAN+ Fusion Solar APP
RS485	Yes
USB	Yes
PLC	Yes
General Parameters	
Dimensions (WxHxD)	1035x700x365mm
Weight (including hanger)	85kg
Operating Temperature	-25°C-60°C
Cooling Method	Smart Cold Air
Maximum working altitude	5000m
Relative Humidity	0-100%
Input Terminal	MC4
Output Terminal	OT terminal
Protection class	IP66
Topology	Transformerless