

INPUT DATA(DC)	SUN600G2/1300G2-US	SUN600G2/1300G2-EU	SUN600G2/1300G2-SAA	SUN600G2-127V
Recommended input power(STC)	600G/210-370W(2 Pieces) 1300G/210-370W(4 Pieces)			210-300W
Maximum input DC voltage	60V			60V
Peak power tracking voltage	25V - 55V			25V-55V
Operating range	20V-55V			20V-55V
Min/Max start voltage	20V/60V			20V/60V
Max DC short circuit current	13A			13A
Max input current	10.4*2/10.4*4			10.4*2
<b>OUTPUT DATA(AC)</b>				
Peak output power	600W/1300W			500W
Maximum output power	600W/1300W			500W
Nominal output current	2.5A/5.416A			4A
Nominal voltage/range	208V/183V-228V 240V/211V-264V	a.c.184 -265V @230VAC	a.c.200 -270V @230VAC	a.c.95-155V @127VAC
Nominal frequency/range	60.0/59.3-60.5Hz	50.0/47.5-51.5Hz	50.0/45-55Hz	60.0/59.3-60.5Hz
Extended frequency/range	60.0/59.3-60.5Hz	50.0/47.5-51.5Hz	50.0/45-55Hz	60.0/59.3-60.5Hz
Power factor	>0.95			>0.95
Maximum units per branch	8/4			5
<b>EFFICIENCY</b>				
CEC weighted efficiency	95%			
Peak inverter efficiency	96.5%			
Static MPPT efficiency	99%			
Night time power consumption	50mW			
<b>MECHANICAL DATA</b>				
Ambient temperature range	- 40°C - +65 °C			
Dimensions(WxHxD)	187.6mm×163.6mm×29mm(without mounting bracket and cable) 450mm×455mm×35mm(without mounting bracket and cable)			
Weight	2.2kg/6.5kg			
Cooling	Natural convection-No fans			
Enclosure environmental rating	Outdoor-NEMA6/IP67			
<b>FEATURES</b>				
Compatibility	Compatible with 60-82 cell PV modules			
Communication	Power line/Zigbee			
Compliance	UL1741/IEEE1547,G83 /VDE4105 AS3100,AS4777.2,AS4777.3 CAN/CSA-C22.2 NO.107.1 IEC62109-IEC62109-2			
Warranty	10 years			