

Model	1000kw	1260kw
Input Side Data(DC)		
Max. DC power (@ $\cos \phi = 1$)	1120kw	1428kw
Max. input voltage	1000V	
Start voltage	500V	
Min. working voltage	460V	
Max. input current	2240A	3104A
MPPT voltage range	460-850V	
Number of DC inputs	16/32	16
Output Side Data(AC)		
Rated power	1000kw	1260kw
Max. output AC power	1100kva	1400kva
Max. output current	2016A	2560A
Max. THD	<3% (at nominal power)	
Rated grid voltage	315V	
Grid voltage range	252~362V	
Rated grid frequency	50Hz/60Hz	
Grid frequency range	47~52Hz/57~62Hz	
Power factor at rated power	>0.99	
DC current injection	<0.5% of rated inverter output current	
Adjustable displacement factor	0.9 (leading) ~0.9 (lagging)	
Efficiency		
Max. efficiency	98.70%	
European efficiency	98.50%	
Protection		
DC disconnect device	Switch-disconnector with fuses	
AC disconnect device	Switch-disconnector with fuses	
DC overvoltage protection	Yes	
AC overvoltage protection	Yes	
Grid monitoring	Yes	
Ground fault monitoring	Yes	
Overheat protection	Yes	
Insulation monitoring	Yes	
General Data		
Dimensions (W*H*D)	2991*2591*2438mm	
Weight	Containing DC Distribution Cabinet: 5145kg	
Operating temperature range	-35~50°C	
External auxiliary supply voltage (Opt.)	380V	
Cooling concept	Temperature controlled air-cooling	
Degree of protection	IP54	
Max. permissible value for relative humidity (non-condensing)	0~95%, non -condensing	
Max. altitude	6000m (derating>3000m)	
Communication port/protocols	Standard: RS485 / Modbus, Internet Options: CDT, DNP3.0, 101, 103, 104, GPRS/CDMA module	