

## On Grid Inverter — Central Series



CP1000 Station / CP1260 Station

### Leading - Edge Technology

- Maximum efficiency over 98.7%, deliver more energy
- Powerful grid management functions(including LVRT)
- Active power adjustment(0-100%)
- Reactive power adjustable, PF range 0.9lagging-0.9leading
- Intelligent control, entirely meet the requirements of grid
- Provide a turnkey solution, easy installation and maintenance
- Comprehensive protection for overvoltage, islanding, short-circuit, overload, overheat, etc.

### Configuration list

- CP5000TL \* 2
- Cooling system
- Container shelter
- Surge arrester
- Fire extinguisher
- 4000W AC distribution box
- DC distribution cabinet \* 2

### Certificates

TUV, SAA, CE, CQC, AS4777.2/3, AS/NZS 3100, VDE 0126-1-1, EN62109-1/2, G83, G59, CNCA/CTS0004-2009A, CNCA/CTS0006-2010, EN61000-6-1/2/3/4, EN62109-1/2, RD1663, C10-1

## Technical data

Model	CP1000 Station	CP1260 Station
<b>Input (DC Side)</b>		
Max. DC input power	1150KW	1450KW
Max. DC voltage	1000V	1000V
DC voltage range	500V-1000V	500V-1000V
MPPT voltage range	500V-850V	500V-850V
Rated input voltage	600V	600V
Start voltage power	520V/5000W	520V/6300W
Max. input current	2240A	2900A
Number of MPPT	1	1
Number of DC Inputs	2*10	2*10
<b>Output (AC)</b>		
Rated AC output power	1000KVA	1260KVA
Rated AC Voltage	315V	315V
AC voltage range	250V-362V	250V-362V
Rated frequency	50Hz/60Hz	50Hz/60Hz
Frequency range	45-55HZ/55-65Hz	45-55HZ/55-65Hz
Rated current	1833A	2310A
Max. output current	2016A	2592A
Power factor	0.9 leading-0.9lagging	0.9 leading-0.9lagging
THDI	<3%	<3%
<b>Efficiency</b>		
Max. efficiency	98.7%	
Euro efficiency	98.5%	
MPPT efficiency	99.9%	
<b>General Data</b>		
Diemensions (W / H / D)	3600*3000*2896 mm	
Weight	6000kg	
Operating temperature range	-25 ℃ ~ +55 ℃	
Relative Humidity	0~95%	
Degree of protection	IP 54	
Noise emission (typical)	65dB(A)@1m	
Altitude	6000m (derating over 3000m)	
Standby consumption	< 200W	
Cooling concept	Air Forced	
Topology	Low frequency transformer	
Display	Touch screen LCD	
Communication Interface	RS 485 / Ethernet	