

Specification sheet

Model		CS1000
DC input	Maximum input power (kW)	550*2
	Maximum open circuit voltage (V)	900
	Maximum current input(A)	1200*2
	MPPT range(V)	420~810
AC output	Rating output power (kW)	1000
	Maximum output power (kW)	1080
	Working voltage range (V±%)	300±10%
	Maximum efficiency (%)	98.1%
	Power factor	≥0.99
	THD rate (%)	≤3.55%
	Power Consumption at Night (W)	<70
	Normal grid frequency (Hz)	50±0.5
Mechanicals	Size(Width*Height*Depth) (mm)	2000*2200*600, 2sets
	Weight (Kg)	2420
	Noise (dB)	<65dB
	Protection grade	IP20
	Cooling method	Air cooling
Generals	Environment temperature	-25℃~45℃
	Environment humidity	<95%
	Local communication interface	Profibus-DP
	Remote communication interface	Ethernet, RS232, Profibus-DP
	User interface	LCD touch screen

Two working modes: Parallel mode and Host/Slave mode

1. Parallel mode

Parallel mode means one 1000kw inverter contains two sets of CS500KW inverters; the two inverters start and stop operation at the same time. The advantage is that the two inverters share one step-up transformer, do not need two individual transformers;

2. Host/Slave mode

Host/Slave mode means the two sets of CS500 realize the Host/Slave operating mode, and preferentially choose individual operation. It is stressed that each CS500 inverter needs one transformer or the whole set of CS1000 inverter needs two transformers