

CS Series Off-Grid Inverter with PV Charging

Pure sine wave Inverter +PhotoVoltaic Charging

Product description

Solar storage inverters use photovoltaic power generation to solve the electricity demand of residents in areas with no electricity, power shortage, and unstable power; photovoltaic power generation can partially replace or completely replace diesel generator power generation with its economic, clean, environmentally friendly, and noise-free advantages Features.

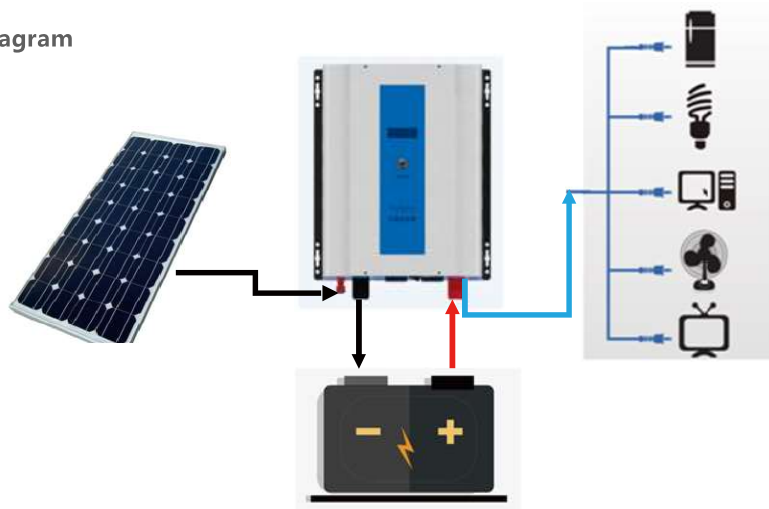
Application scenario

CS Series Inverter with PV Charging are widely used in outdoor power supplies, stall vehicles, fish rafts, fishermen, island residents, mountain residents, wild farms, plantations and other residents' daily life.

Product features

- 1) Ultra-low standby power consumption, saving power;
- 2) The lithium battery has a self-starting function after undervoltage protection;
- 3) Humanized LCD screen display, all states are clear at a glance;
- 4) Built-in photovoltaic charging controller, simple system wiring;
- 5) Intelligent fan control, reduce noise pollution and increase the life of the whole machine;
- 6) Optional Bluetooth communication module, set user parameters through the mobile phone APP.

System diagram



Technical specifications

	Model	CS600W	CS1000W	CS1500W	CS2000W	CS3000W
PV control	Max. PV VOL.(Vdc)	60	60	60	60	60/60/120
	Recommended PV	25	25/45	25/45	25/45	25/45/90
	Charging current(A)	25	50	50	50	50
	Charging control	PWM	PWM	PWM	PWM	PWM
Battery	battery voltage(V)	12	12/24	12/24	12/24	12/24/48
	DC voltage range (V)	10-16	10-16/20-31	10-16/20-31	10-16/20-31	10-16/20-31/40-60
	Rated discharge current(A)	66	110/55	165/83	220/110	330/165
Inverter output	Rated output voltage (V)	230±10%	230±10%	230±10%	230±10%	230±10%
	Output frequency (Hz)	50/60	50/60	50/60	50/60	50/60
	Output waveform	Pure sine wave				
	Impact power (W)	1200	2000	3000	4000	6000
	Rated power (W)	600	1000	1500	2000	3000
	Max inverter efficiency	>91%	>91%	>91%	>91%	>91%
General data	Environment temp. (°C)	-10~+45				
	Altitude (m)	0-2000				
	cooling method	Temperature control smart air cooling				
	L * W * H (mm)	275*213*88	357*263*105	357*263*105	415*313*105	415*313*105
	Weight (Kg)	2.5	4.1	4.5	5.6	6
Protection	PV control	PV reverse connection protection, PV short-circuit protection, over temperature protection				
	Inverter	Battery over-voltage protection, over-temperature protection, overload protection, output short-circuit protection, fan failure alarm				
Option	Bluetooth module	Communicate through the mobile phone APP, display the working parameters, and can set the parameters				
Other	Installation method	Wall-mounted				

