



Solar Max

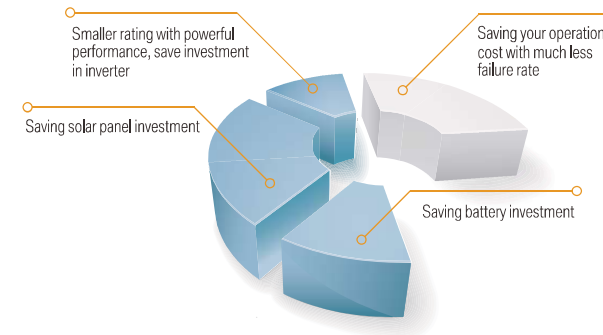
Pure sine wave inverter
1 kw-6 kw

Solar Max solar inverter was especially designed for solar off-grid application featuring high efficiency, extremely low status consumption power as well as outstanding reliability. It could provide a continuous rated power at 40°C and 80% even at scorching temperature up to 60°C. Combined with outstanding overload capability, this inverter could comfortably power large load such as air conditioner, refrigerators and water pumps at tropical regions.

- Pure sine wave output
- High Ambient temperature design
- Peak efficiency up to 94%
- Extremely low status consumption power
- Outstanding peak power, suitable for all home appliances
- Built in auxiliary contact
- Nearly silent operation
- Insect proof design



Installing Solar Max inverter in your solar system can actually help you saving your cost on solar offgrid system.



RCI

Simple remote LED display



DCB

With DC main Breaker





Model No.	12 VDC	CPI700L		CPI1000L	CPI1200L	CPI1500L	CPI1800L
	24 VDC	CPI700M	CPI1000M		CPI1200M	CPI1500M	CPI1800M

Electrical

Nominal Voltage	12 VDC/24 VDC	24 VDC	12 VDC	12 VDC/24 VDC		
Cont. power @25°C (W)	700 W	1000 W	1000 W	1200 W	1500 W	1800 W
Cont. power @40°C (W)	600 W	800 W	1000 W	1200 W	1500 W	1800 W
Cosp	0.9-1					
Overload Capability	>150%	20 s				
	>125%	1 min				
	>110%	15 mins				
		300%				
Surge	300%					
Output voltage	240 VAC, 230 VAC, 220 VAC, 208 VAC ± 2% or 127 VAC, 120 VAC, 110 VAC, 100 VAC ± 2% (settable) III					
Output frequency	50 Hz or 60 Hz ± 0.5%					
Efficiency (max)	12 VDC	89%				
	24 VDC	92%				
Crest factor	3:1					
THD	<3%					
Zero load power	7.4 W	15 W	12.5 W	13 W	14 W	14.5 W
Zero load power (power save mode)	2 W	4 W	3 W	3.5 W	3.5 W	3.6 W
Output circuit breaker	/	/	10 A	10 A	10 A	15 A
Overload protection	auto disconnect with 3 times restart attempt					
shortcut protection	auto disconnect					

Other Data

Battery connector	M6 x 2	M8 x 2				
Enclosure	Steel with powder paint					
Dimension (mm)	400x236x89	492.5x240x134.5			527x228x180	
Net Weight (KGs)	9	10.6	15	16	19	21
Cooling	Forced fan					
Protection	IP20					
AC connector	Socket panel		/			
Dry contact	/	/	Battery low			

Standard

Safety	EN60950-1					
EMC	EN55022, EN55024, EN61000-3-2, EN61000-3-3					



Model No.	12 VDC	CPI2000L				
	24 VDC	CPI2000M	CPI3000M	CPI4000M		
	48 VDC	CPI2000S	CPI3000S	CPI4000S	CPI5000S	CPI6000S

Electrical

Nominal Voltage	12 VDC/ 24 VDC/ 48 VDC					
Cont. power @40°C (W)	2000 W	3000 W	4000 W	5000 W	6000 W	
Cosp	0.9-1					
Overload Capability	>150%	20 s				
	>125%	1 min				
	>110%	15 mins	1 min			
Surge	300%					
Output voltage	III	240 VAC, 230 VAC, 220 VAC, 208 VAC ± 2% (settable)				
Output frequency	50 Hz or 60 Hz ± 0.1%					
Efficiency (max)	12 VDC	89%				
	24 VDC	92%				
	48 VDC	94%				
Crest factor	3:1					
THD	<3%					
Zero load power	15 W	18 W	26 W	32 W	36 W	
Zero load power (power save mode)	3.75 W	4.5 W	6 W	8 W	9 W	
Output circuit breaker	15 A	30 A	30 A	30 A	40 A	
Overload protection	auto disconnect with 3 times restart attempt					
shortcut protection	auto disconnect					

Other Data

Battery connector	M8 x 2					
Enclosure	Steel with powder paint					
Dimension (mm) (max)	527x228x180			527x396x180.5		
Net Weight (kgs)	22	25	35	40	46	
Cooling	Forced fan					
Protection	IP20					
Dry contact	Battery low					

Standard

Safety	EN60950-1					
EMC	EN55022, EN55024, EN61000-3-2, EN61000-3-3					