



INVERTERS
INVERTER CHARGERS
ENERGY STORAGE SYSTEM

2018

RENEWABLE ENERGY
POWER PRODUCTS

ABOUT US

COSUPER has kept focus on renewable energy and off grid systems for more than ten years to provide the reliable power products worldwide.

All COSUPER's products are designed for the integrated electrical systems. To satisfy the rapid growing needs of renewable energy and clean power, COSUPER engineers develops the reliable power products to let people enjoy the clean and continuous power.

Besides offering sine wave power products, COSUPER also have extensive experience on energy solution providing. With full range power products, customers get variety systems suggestions and correct configuration to meet the needs.

Manufactured in China with high quality components and qualified by ETL and CE to offer users with safe power source in different conditions. COSUPER works closely with users to design and produce the reliable and safe inverters, inverter chargers and the integrated power systems.

For more products, visit our web site:
WWW.COSUPER.COM

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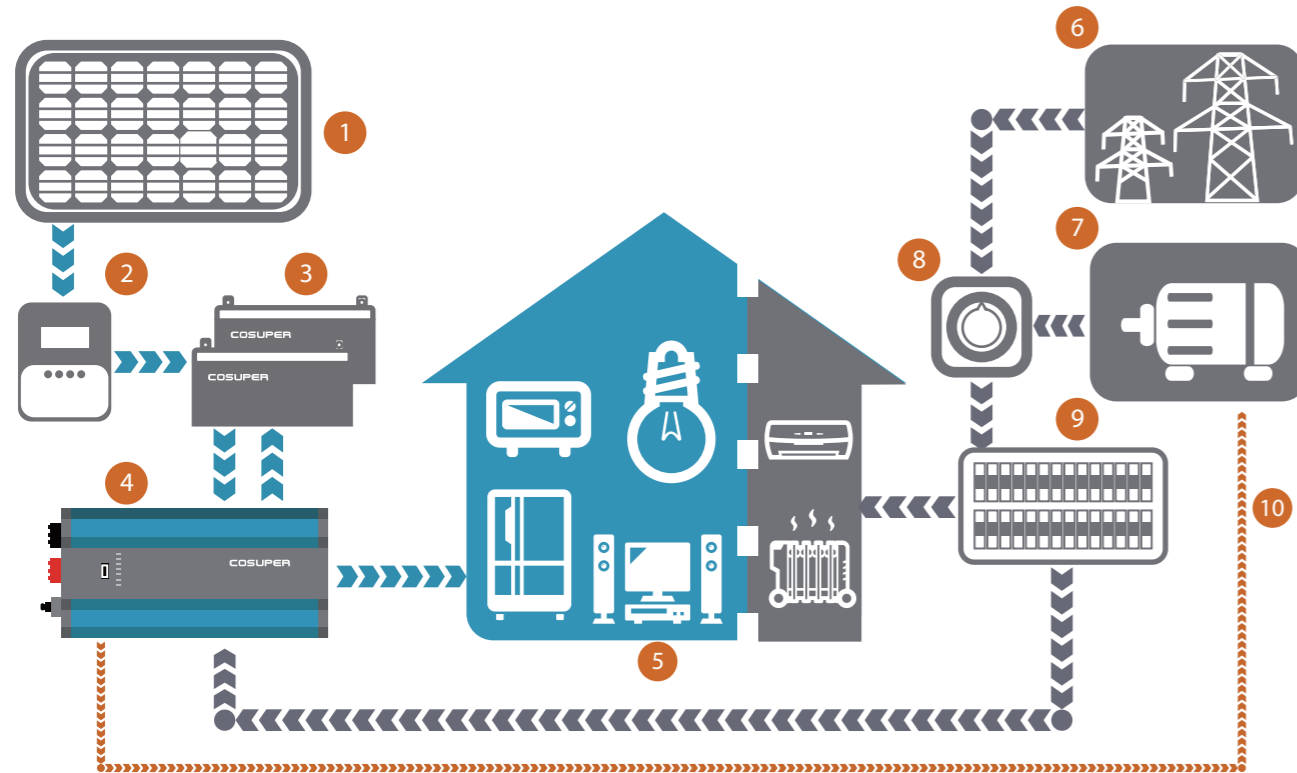
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RENEWABLE ENERGY SYSTEM

BACKUP POWER DIAGRAM

Backup power system is different from the interactive solar grid-tie system which feeds the electricity back to grid, it will function when the AC input fails or unstable utility AC happens. The core part is the inverter charger. Inverter charger works as the backup power supply which take action when AC power fails.

COSUPER off grid power products provide the reliable power. With model available in 12, 24 and 48V configurations and power range from 1000 watts to 12000 watts, users can get the certain power solution for a variety of situation.

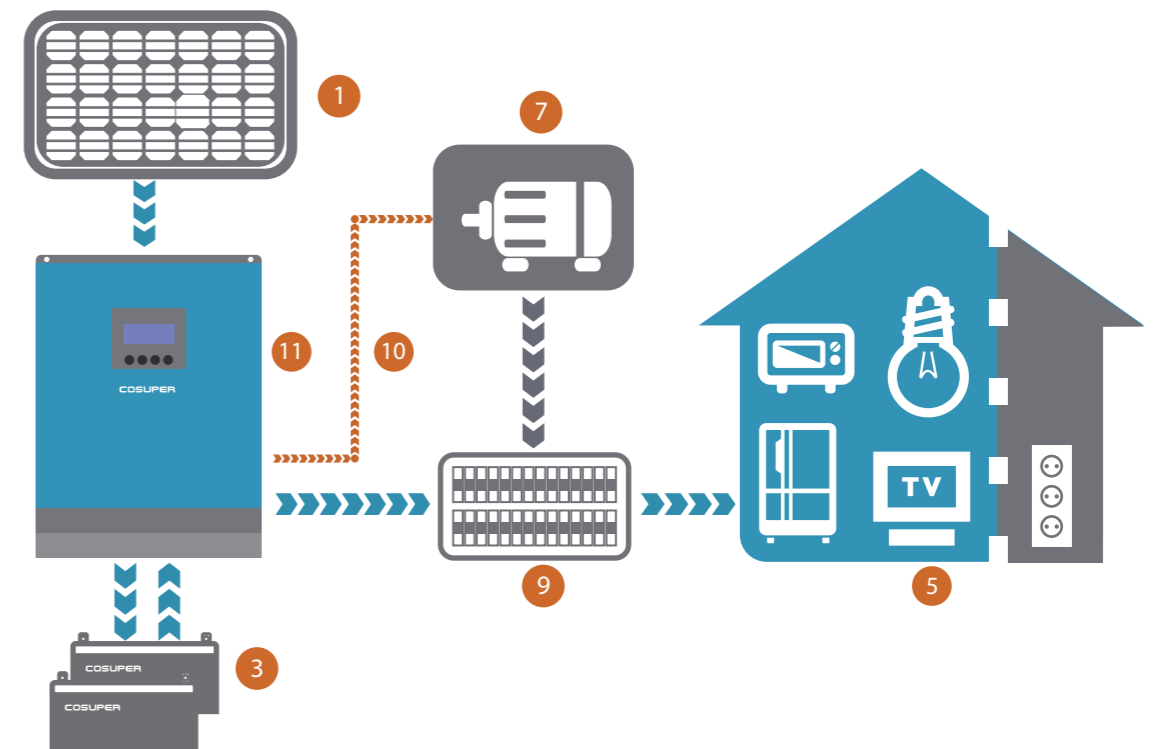
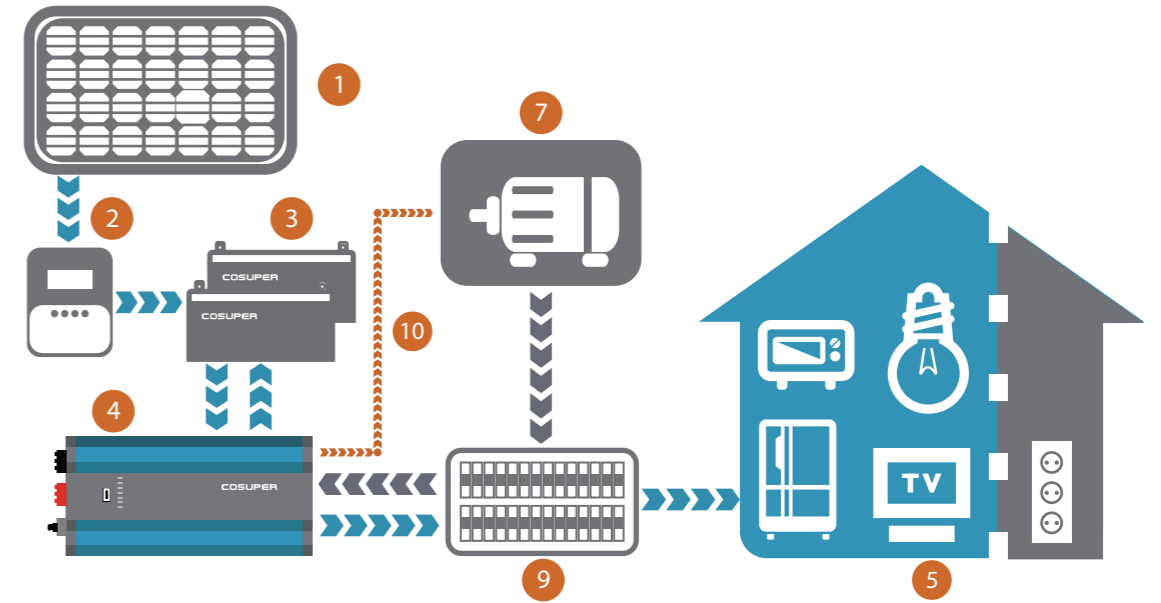


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RENEWABLE ENERGY SYSTEM

OFF GRID POWER DIAGRAM

In the condition of off grid, without utility power input, all the system can be run by inverter or backup generator. Inverter draws power from battery and power all the loads. Use integrated solar inverter, users can get a easier installation.





CPT Series CPT Series

1-3KW INVERTER/CHARGER 4-6KW INVERTER/CHARGER



BATT: 12V 24V 48V available

CHARGER: Smart charger;
Lithium compatibility

PERFORM: Heavy duty design

TOPOLOGY: Low Frequency

CPT pure sine wave inverter charger is the combination of inverter, battery charger and AC autotranser switch.CPT is the inverter charger with backup UPS function. When utility AC power cuts off, the transfer relay is de-energized and the load is transferred to inverter output.

FEATURES

DC/AC SOURCE AUTO SWITCH

CPT inverter charger works with the optional power source priority. With nominal AC and DC power source input, no matter AC or DC fails, CPT will switch to the another source to maintain the system working continuously.

A.V.R

A.V.R stands the automatic voltage regulator. COSUPER combines the A.V.R function into CPT unit to give a constant and correct output voltage in bypass mode. This protects the appliances from being destroyed by jumping utility source.

LITHIUM BATTERY COMPATIBILITY

Lithium battery requires different charging mode from the traditional 3-stage charging. COSUPER designed the charging software to provide users more charging selection.

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LITHIUM BATTERY COMPATIBILITY

Lithium battery requires different charging mode from the traditional 3-stage charging. COSUPER designed the charging software to provide users more charging selection.



BATT: 24V 48V available

CHARGER: Smart charger;
Lithium compatibility

PERFORM: Heavy duty design

TOPOLOGY: Low Frequency

CPT SERIES 1-3KW SPECIFICATIONS

MODELS	CPT1000	CPT1500	CPT2000	CPT3000
INVERTER SPECIFICATIONS				
Continuous power	1000 watts	1500 watts	2000 watts	3000 watts
Surge power	3000 watts	4500 watts	6000 watts	9000 watts
AC output voltage	120VAC ± 5%; 230VAC ± 5%			
Battery voltage	12/ 24 VDC	12/ 24 /48VDC	12/ 24 /48VDC	12/ 24 /48VDC
Battery charging current	35/ 20 A	45/ 25 /15 A	65/ 30 /20 A	75/ 45 /30 A
AC output frequency	60Hz ± 0.5%; 50Hz ± 0.5%			
AC output waveform	Pure sine wave			
Remote control	PTM-12; CR10			
MAX efficiency	87%	88%	88%	88%
Bypass current	20A	20A	30A	30A
Battery type	LiFePO4; AGM; Gel; Lead Acid			
ENVIRONMENTAL				
Operating temperature	-20°C to +50°C			
PHYSICAL				
Dimensions(L × W × H)	45.5×25.0×18.5 CM	45.5×25.0×18.5 CM	52.5×25.0×18.5 CM	52.5×25.0×18.5 CM
GENERAL FEATURES				
Warranty	18 months			

CPT SERIES 4-6KW SPECIFICATIONS

MODELS	CPT4000	CPT5000	CPT6000
INVERTER SPECIFICATIONS			
Continuous power	4000 watts	5000 watts	6000 watts
Surge power	12000 watts	15000 watts	18000 watts
AC output voltage	120VAC ± 5%; 230VAC ± 5%		
Battery voltage	24/48 VDC	24 /48VDC	24 /48VDC
Battery charging current	65/ 35 A	70/ 40 A	75/ 50 A
AC output frequency	60Hz ± 0.5%; 50Hz ± 0.5%		
AC output waveform	Pure sine wave		
Remote control	PTM-12; CR10		
MAX efficiency	89%	88%	88%
Bypass current	40A	40A	40A
Battery type	LiFePO4; AGM; Gel; Lead Acid		
ENVIRONMENTAL REQUIRES			
Operating temperature	-20°C to +50°C		
PHYSICAL SPECIFICATIONS			
Dimensions(L × W × H)	65.0×25.0×18.5 CM	65.0×25.0×18.5 CM	65.0×25.0×18.5 CM
GENERAL FEATURES AND CAPABILITIES			
Warranty	18 months		



CPS Series

8-12KW INVERTER/CHARGER

CPS heavy duty inverter charger is specifically designed for residential and commercial use. Negligible switch time between DC and utility power source ensures no interrupt power supply for PC. CPS makes it easier to get MAX 12KW output power strengthens the whole off grid system electricity supply by 48V battery system.



- BATT:** 48V available
- CHARGER:** Smart charger; Lithium compatibility
- PERFORM:** Heavy duty design U.P.S
- TOPOLOGY:** Low Frequency

FEATURES

U.P.S FUNCTION

CPS inverter charger works with the optional power source priority. With nominal AC and DC power source input, no matter AC or DC fails, CPS will switch to the another source to maintain the system working continuously. The transfer time is less than 2ms to ensure all the devices continuous working.

A.V.R

A.V.R stands the automatic voltage regulator. COSUPER combines the A.V.R function into CPS unit to give a constant and correct output voltage in bypass mode. This protects the appliances from being destroyed by jumping utility source.

LITHIUM BATTERY COMPATIBILITY

Lithium battery requires different charging mode from the traditional 3-stage charging. COSUPER designed the charging software to provide users more charging selection.

CPS SERIES 8-12KW SPECIFICATIONS

MODELS	CPS8000	CPS10K	CPS12K
INVERTER SPECIFICATIONS			
Continuous power	8000 watts	10000 watts	12000 watts
Surge power	24000 watts	30000 watts	36000 watts
AC output voltage	120VAC ± 5%; 230VAC ± 5%		
Battery voltage	48 VDC	48VDC	48VDC
Battery charging current	55 A	70 A	80 A
AC output frequency	60Hz ± 0.5%; 50Hz ± 0.5%		
AC output waveform	Pure sine wave		
Remote control	PTM-12; CR10		
MAX efficiency	87%	88%	86%
Bypass current	80A	80A	80A
Battery type	LiFePO4; AGM; Gel; Lead Acid		
ENVIRONMENTAL REQUIRES			
Operating temperature	-20°C to +50°C		
PHYSICAL SPECIFICATIONS			
Dimensions(L × W × H)	63.0×50.5×21.0 CM	63.0×50.5×21.0 CM	63.0×50.5×21.0 CM
GENERAL FEATURES AND CAPABILITIES			
Warranty	18 months		

LPT Series

1-6KW INVERTER/CHARGER

LPT series inverter charger is a pure sine wave inverter line for the loads in house specifically for off grid energy storage system. The power range is from 1KW to 6KW with 12, 24 and 48VDC models, providing the users with the reliable power source.



- BATT:** 12/ 24/ 48V available
- CHARGER:** 3-Stage AC charger
- PERFORM:** Heavy duty design U.P.S
- TOPOLOGY:** Low Frequency

FEATURES

U.P.S FUNCTION

LPT inverter charger works with the optional power source priority. With nominal AC and DC power source input, no matter AC or DC fails, LPT will switch to the another source to maintain the system working continuously. The transfer time is less than 2ms to ensure all the devices continuous working.

ENERGY SAVING MODE

It also be called as SEARCHING or STANDBY mode. In this model, LPT will search for the output power to analyse. LPT automatically start work as soon as the output power ≥ 50 watts. If not it will keep energy saving to protect the battery from being exhausted by inverter self-consumption.

In this mode, LPT idle consumption is less than 10 watts.

DIGITAL DISPLAY

Alphanumeric display gives the information of battery voltage, output voltage, frequency, input AC voltage and additional operation codes.

LPT SERIES 1-6KW SPECIFICATIONS

MODELS	LPT1000	LPT2000	LPT3000	LPT4000	LPT5000	LPT6000
INVERTER SPECIFICATIONS						
Continuous power	1000 watts	2000 watts	3000 watts	4000 watts	5000 watts	6000 watts
Surge power	3000 watts	6000 watts	9000 watts	12000 watts	15000 watts	18000 watts
AC output voltage	120VAC ± 5%; 230VAC ± 5%					
Battery voltage	12/ 24 VDC	12/ 24 VDC	12/ 24 /48VDC	24 /48VDC	24 /48VDC	24 /48VDC
Battery charging current	35/ 20 A	65/ 30 /20 A	75/ 45 /30 A	65/ 35 A	70/ 40 A	75/ 50 A
AC output frequency	60Hz ± 0.5%; 50Hz ± 0.5%					
AC output waveform	Pure sine wave					
Remote control	CR10					
MAX efficiency	86%	87%	87%	88%	86%	86%
Bypass current	20A	20A	30A	40A	40A	40A
Battery type	AGM; Gel; Lead Acid					
ENVIRONMENTAL REQUIRES						
Operating temperature	-20°C to +50°C					
PHYSICAL SPECIFICATIONS						
Dimensions(L × W × H)	42.5×25.0×18.1 CM	50.0×25.0×18.1 CM	52.5×25.0×18.5 CM			
GENERAL FEATURES AND CAPABILITIES						
Warranty	18 months					



LPE Series

1000VA-5000VA INVERTER/CHARGER

LPE series are combined with integrated AC charger, auto transfer switch and inverter unit for renewable energy systems. With the high-frequency technology and power management, LPE becomes the most intelligent inverter charger. It is much easier to get more power by stacking use from one battery bank. You can get MAX. 24KW power to operate all the loads.



Mobile House



Solar System

BATT: 12/ 24/ 48V available

CHARGER: Programable AC charger

PERFORM: Stackable use
Three phase available

TOPOLOGY: High Frequency

FEATURES

RE-PROGRAMABLE

Users are able to make this inverter become the partner of their power systems by re-program the charging specification and low voltage working voltage.

DIGITAL DISPLAY

Alphanumeric display gives the information of battery voltage, output voltage, frequency, input AC voltage and additional operation codes.

STACKABLE

LPE4KVA to 5KVA models allows stackable use. By paralleling together, users can get MAX 24KW output power. Each unit manages the independent group loads to ensure other appliance not being interrupted.

SPI Series

300-3000W INVERTER

SPI series inverter is a pure sine wave inverter line for the loads in house specifically for off grid energy storage system. With 12, 24 and 48VDC models, providing the users with the reliable power source.



Motorhome



Solar System

BATT: 12/ 24/ 48V available

PERFORM: Strong heat dissipation
Pure sine wave

TOPOLOGY: High Frequency

FEATURES

INDEPENDENT HEAT SINK

SPI inverter has the good air flow through the internal independent heat sink which makes the cover cool to reduce the risk of fire.

PURE SINE WAVE

With the pure sine wave output, no matter coffee machine, microwave, TV, satellite, printer or other heavy duty equipment, SPI power inverter gives perfect performance of running loads from the household appliances to office devices.

LPE SERIES 1000-5000VA SPECIFICATIONS

MODELS	LPE1000	LPE2000	LPE3000	LPE4000	LPE5000
INVERTER SPECIFICATIONS					
Continuous power	800 watts	1600 watts	2400 watts	3200 watts	4000 watts
Surge power	1600 watts	3200 watts	4800 watts	6400 watts	8000 watts
AC output voltage	230VAC \pm 5%				
Battery voltage	12/ 24/ 48 VDC	24VDC	24/ 48 VDC	48 VDC	48 VDC
MAX AC charging current	20 A	30 A	30 A	60 A	60 A
AC output frequency	60Hz \pm 0.5%; 50Hz \pm 0.5%				
AC output waveform	Pure sine wave				
MAX efficiency	87%	88%	88%	88%	88%
Standby current	20A	20A	30A	30A	30A
Battery type	AGM; Gel; Lead Acid				
ENVIRONMENTAL REQUIRES					
Operating temperature	-16°C to +55°C				
PHYSICAL SPECIFICATIONS					
Dimensions(L x W x H)	35.5x27.2x12.8 CM				
GENERAL FEATURES AND CAPABILITIES					
Warranty	18 months				

SPI SERIES 300-3000 WATTS SPECIFICATIONS

MODELS	SPI300	SPI600	SPI1000	SPI1500	SPI2000	SPI3000
INVERTER SPECIFICATIONS						
Continuous power	300 watts	600 watts	1000 watts	1500 watts	2000 watts	3000 watts
Surge power	600 watts	1200 watts	2000 watts	4500 watts	4000 watts	6000 watts
AC output voltage	120VAC \pm 5%; 230VAC \pm 5%					
Battery voltage	12 VDC	12 VDC	12/ 24/48VDC	12/ 24/48VDC	12/ 24/48VDC	12/ 24/48VDC
DC input regulation	10.5-15 VDC (\times 2 for 24V ver.; \times 4 for 48V)					
AC output frequency	60Hz \pm 0.5%; 50Hz \pm 0.5%					
AC output waveform	Pure sine wave					
Remote control	CR10					
MAX efficiency	87%	88%	88%	88%	88%	88%
Idle Power	3W	3W	9W	9.5W	12W	15W
Battery type	LiFePO4; AGM; Gel; Lead Acid					
ENVIRONMENTAL REQUIRES						
Operating temperature	-5°C to +40°C					
PHYSICAL SPECIFICATIONS						
Dimensions(L x W x H)	45.5x25.0x18.5 CM		45.5x25.0x18.5 CM		52.5x25.0x18.5 CM	
GENERAL FEATURES AND CAPABILITIES						
Warranty	18 months					

Listings



LHC Series GPI Series

1000-3000W INVERTER/CHARGER

10-20KW THREE PHASE INVERTER/CHARGER



LPT series inverter charger is a pure sine wave inverter line for the loads in house specifically for off grid energy storage system. The power range is from 1KW to 6KW with 12, 24 and 48VDC models, providing the users with the reliable power source.

GPI inverters is designed with three phase balance technology to allow three phase inverters give single phase power. With the high-frequency technology, GPI has a better operation performance and lighter weight than traditional low-frequency inverter.



Mobile House



Solar System

BATT: 12V available

CHARGER: 3 stage AC charger

PERFORM: Pure sine wave
U.P.S

TOPOLOGY: High Frequency

FEATURES

U.P.S FUNCTION

PSCC inverter charger works with the optional power source priority. With nomial AC and DC power source input, no matter AC or DC fails, PSCC will switch to the another source to maintance the system working continuously. The transfer time is less than 2ms to ensure all the devices continuous working.

PURE SINE WAVE

With the pure sine wave output, no matter coffee machine, microwave, TV, satellite, printer or other heavy duty equipment, SPH power inverter gives perfect performance of running loads from the household appliances to office devices.

DIGITAL DISPLAY

Alphanumeric display gives the information of battery voltage, output voltage, frequency, input AC voltage and additional operation codes.

FEATURES

THREE PHASE OUTPUT

GPI is deigned for industry area to provide 380V or 400V three phase pure sine wave AC power the same as the three phase generator creates.

SINGLE PHASE OUTPUT

With three phase balance technology, GPI also allow users load 230V single phase loads to it and power the loads without any unbalance.

DIGITAL DISPLAY

Alphanumeric display gives the information of each phase voltage and current.



Motorhome



Solar System

BATT: 24/ 48V available

PERFORM: Pure sine wave
Three phase available
Other power available

TOPOLOGY: High Frequency

LHC SERIES 1-6KW SPECIFICATIONS

MODELS	LHC1000	LHC1500	LHC2000	LHC3000
INVERTER SPECIFICATIONS				
Continuous power	1000 watts	1500 watts	2000 watts	3000 watts
Surge power	2000 watts	3000 watts	4000 watts	6000 watts
AC output voltage	230VAC ± 5%			
Battery voltage	12/ 24 VDC	12/ 24 VDC	12/ 24 VDC	12/ 24 VDC
Battery charging current	20/ 10 A	20/ 10 A	25/ 12 A	25/ 12 A
AC output frequency	50Hz ± 0.5%			
AC output waveform	Pure sine wave			
Remote control	CR10			
MAX efficiency	87%	88%	88%	88%
Bypass current	20A	20A	30A	30A
Battery type	AGM; Gel; Lead Acid			
ENVIRONMENTAL REQUIRES				
Operating temperature	-5°C to +40°C			
PHYSICAL SPECIFICATIONS				
Dimensions(L × W × H)	13.5×14.0×21.5 CM	13.5×14.0×24.5 CM	13.5×14.0×24.5 CM	13.5×14.0×27.0 CM
GENERAL FEATURES AND CAPABILITIES				
Warranty	18 months			

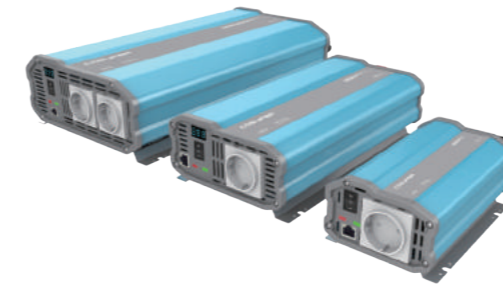
GPI SERIES 10-20KW SPECIFICATIONS

MODELS	GPI10K	GPI12K	GPI15K	GPI20K
INVERTER SPECIFICATIONS				
3-Phase rated power	10000 watts	12000 watts	15000 watts	20000 watts
3-Phase surge power	30000 watts	36000 watts	45000 watts	60000 watts
Single-Phase power	3300 watts	4000 watts	5000 watts	6600 watts
AC output voltage	380/ 400 VAC ± 5%			
Battery voltage	24/ 48 VDC	24/ 48 VDC	24/ 48 VDC	24/ 48 VDC
AC output frequency	50Hz ± 0.5%			
AC output waveform	Pure sine wave			
Remote control	CR10			
MAX efficiency	89%	89%	89%	89%
Bypass transfer time	Utility to inverter: 0 sec; Inverter to utility ≤ 5 ms			
Battery type	AGM; Gel; Lead Acid			
ENVIRONMENTAL REQUIRES				
Operating temperature	0°C to +40°C			
PHYSICAL SPECIFICATIONS				
Dimensions(L × W × H)	66.0×45.6×21.7 CM	66.0×59.5×21.7 CM	66.0×59.5×21.7 CM	66.0×59.5×21.7 CM
GENERAL FEATURES AND CAPABILITIES				
Warranty	18 months			

SPE SERIES

800 - 4000W SOLAR INVERTER CHARGER

SPE series are combined with integrated MPPT solar charger, AC charger, auto transfer switch and inverter unit for renewable energy systems. With the internal power management, SPE becomes the most intelligent solar inverter. Both solar charger and AC charger can work together to give the battery a best charging solution.



SPH SERIES

300 - 3000W INVERTER CHARGER

SPH inverter is the DC to AC inverter line for household to provide users with reliable AC power. Pure sine wave suit to all of the sensitive electronic loads.



Mobilehouse Solar Off Grid Solar

SPE SERIES MAIN FEATURES

CHARGING PRIORITY

SPE series support manual selecting charging source priority between utility AC power and solar power.

RE-PROGRAMMABLE

Users are able to make the inverter become the partner of their power systems by reprogram the charging specification such as low voltage and charging DC current. The MAX charging current of SPE4000VA and SPE5000VA model reaches to 120Amp.

DIGITAL DISPLAY

Alphanumeric display gives the information of battery voltage, output voltage, frequency, input AC voltage, work mode and additional operation code.

STACKABLE

SPE4KVA and SPE5KVA allow stackable use by parallelling. Users will get MAX 24KW output power. Each unit manages the independent group of loads to ensure other appliances not being interrupted.

SPH SERIES MAIN FEATURES

INDEPENDENT HEAT SINK

SPH inverter has the good air flow through the internal independent heat sink to ensure the inverter body cooling touch. With the comfortable temperature, inverter gives a excellent performance of heavy load.

REMOTE CONTROLLER

SPH inverters support long remote controller with more than 10 meters.

PURE SINE WAVE

With the pure sine wave output, no matter coffee machine, microwave, TV, satellite, printer or other sensitive loads, SPH powerinverter gives the perfect performance of running loads from the household appliances to office devices.



RV Solar Mobilehouse Solar Off Grid Solar

- Battery voltage - 12/ 24/ 48V available
- Charger - Programable AC charger
- PERFORM - Stackable use
Three phase available
- Topology - High frequency

- Battery voltage - 12V/ 24V/ 48V available
- PERFORM - Strong heat dissipation
Pure sine wave
- Topology - High frequency

MODELS	SPE1000	SPE2000	SPE3000	SPE4000	SPE5000
INVERTER SPECIFICATIONS					
Continuous power	800 watts	1600 watts	2400 watts	3200 watts	4000 watts
Surge power	1600 watts	3200 watts	4800 watts	6400 watts	8000 watts
AC output voltage	230VAC +/- 3%	230VAC +/- 3%	230VAC +/- 3%	230VAC +/- 3%	230VAC +/- 3%
AC output frequency	50/ 60Hz +/- 0.5%	50/ 60Hz +/- 0.5%	50/ 60Hz +/- 0.5%	50/ 60Hz +/- 0.5%	50/ 60Hz +/- 0.5%
AC output waveform	Pure sine wave (THD < 5%)				
AC charge current	20 ADC	30 ADC	30 ADC	60 ADC	60 ADC
Solar charge current	25 ADC	25 ADC	25 ADC	60 ADC	60 ADC
Max. efficiency	87%	88%	88%	88%	88%
Rated DC voltage	24/ 48 VDC	24/ 48 VDC	24/ 48 VDC	48 VDC	48 VDC
Output phase	Single	Single	Single	Single	Single
ENVIRONMENT SPECIFICATIONS					
Operating temperature	-20°C to +50°C				
GENERAL INFORMATION					
Dimension(LxWxH)	35.5x27.2x12.8 cm				
Weight	7.4 kg	7.6 kg	8.0 kg	12.5 kg	13.5 kg
Warranty	18 months				
Remote	/				
Battery type	AGM, GEL or Customized				

MODELS	SPH300	SPH600	SPH1000	SPH1500	SPH2000	SPH3000
INVERTER SPECIFICATIONS						
Continuous power	300 watts	600 watts	1000 watts	1500 watts	2000 watts	3000 watts
Surge power	600 watts	1200 watts	2000 watts	3000 watts	4000 watts	6000 watts
AC output voltage	120 VAC +/- 5%; 230VAC +/- 3%					
AC output frequency	50/ 60Hz +/- 0.5%					
AC output waveform	Pure sine wave (THD < 5%)					
Rated DC voltage	12/ 24 VDC	12/ 24 VDC	12/ 24/ 48 VDC	12/ 24/ 48 VDC	12/ 24/ 48 VDC	12/ 24/ 48 VDC
Input DC range	10.5 - 15 VDC (x2 for 24V ver. x4 for 48V ver.)					
Max. efficiency	89%	92%	93%	93%	93%	93%
Idle power	3W	3W	9W	9.5W	12W	15W
Output phase	Single	Single	Single	Single	Single	Single
ENVIRONMENT SPECIFICATIONS						
Operating temperature	-20°C to +50°C					
GENERAL INFORMATION						
Dimension(LxWxH)	12.0x9.7x8.5 cm	12.0x9.7x8.5 cm	17.0x26.5x9.6 cm	17.0x35.0x9.6 cm	24.2x46.3x11.8 cm	24.2x46.3x11.8 cm
Weight	1 kg	1.5 kg	2.9 kg	3.2 kg	4.3 kg	5.5 kg
Warranty	18 months					
Remote	CR10					
Battery type	AGM, GEL or Customized					



Mobile House



Solar System

BATT: 96/ 192/ 220V available

PERFORM: Pure sine wave
Three phase available
Other power available

TOPOLOGY: Low Frequency

TPI Series

10K-20K THREE PHASE INVERTER

TPI inverters is designed with three phase balance technology to allow three phase inverters give single phase power. With the low-frequency technology, TPI support MAX 50KW three phase output with excellent stability and three phase balance.

FEATURES

THREE PHASE OUTPUT

TPI is designed for industry area to provide 380V or 400V three phase pure sine wave AC power the same as the three phase generator creates.

SINGLE PHASE OUTPUT

With three phase balance technology, TPI also allow users load 230V single phase loads to it and power the loads without any unbalance.

DIGITAL DISPLAY

Alphanumeric display gives the information of each phase voltage and current.

TPI Series

30K 50KW THREE PHASE INVERTER

TPI inverters is designed with three phase balance technology to allow three phase inverters give single phase power. With the low-frequency technology, TPI support MAX 50KW three phase output with excellent stability and three phase balance.

THREE PHASE OUTPUT

TPI is designed for industry area to provide 380V or 400V three phase pure sine wave AC power the same as the three phase generator creates.

SINGLE PHASE OUTPUT

With three phase balance technology, TPI also allow users load 230V single phase loads to it and power the loads without any unbalance.

DIGITAL DISPLAY

Alphanumeric display gives the information of each phase voltage and current.



Mobile House



Solar System

BATT: 96/ 192/ 220V available

PERFORM: Pure sine wave
Three phase available
Other power available

TOPOLOGY: Low Frequency

TPI SERIES 10- 20KW SPECIFICATIONS

MODELS	TPI10K	TPI12K	TPI15K	TPI20K
INVERTER SPECIFICATIONS				
3-Phase rated power	10000 watts	12000 watts	15000 watts	20000 watts
3-Phase surge power	30000 watts	36000 watts	45000 watts	60000 watts
Single-Phase power	3300 watts	4000 watts	5000 watts	6600 watts
AC output voltage	380/ 400 VAC ± 5%			
Battery voltage	48 /96/ 220/ 240/ 384 VDC (Customizable)			
AC output frequency	50Hz ± 0.5%			
AC output waveform	Pure sine wave			
Remote control	/			
MAX efficiency	89%	89%	89%	89%
Bypass transfer time	Utility to inverter: 0 sec; Inverter to utility ≤ 5 ms			
Battery type	AGM; Gel; Lead Acid			
ENVIRONMENTAL REQUIRES				
Operating temperature	-30°C to +50°C			
PHYSICAL SPECIFICATIONS				
Dimensions(L × W × H)	100.0×60.0×60.0 CM			
GENERAL FEATURES AND CAPABILITIES				
Warranty	18 months			

TPI SERIES 30-50KW SPECIFICATIONS

MODELS	TPI30K	TPI40K	TPI50K
INVERTER SPECIFICATIONS			
3-Phase rated power	30,000 watts	40,000 watts	50,000 watts
3-Phase surge power	90,000 watts	120,000 watts	150,000 watts
Single-Phase power	10,000 watts	13,300 watts	16,600 watts
AC output voltage	380/ 400 VAC ± 5%		
Battery voltage	96/ 220/ 240/ 384 VDC (Customizable)		
AC output frequency	50Hz ± 0.5%		
AC output waveform	Pure sine wave		
Remote control	/		
MAX efficiency	85%	85%	85%
Bypass transfer time	Utility to inverter: 0 sec; Inverter to utility ≤ 5 ms		
Battery type	AGM; Gel; Lead Acid		
ENVIRONMENTAL REQUIRES			
Operating temperature	-30°C to +50°C		
PHYSICAL SPECIFICATIONS			
Dimensions(L × W × H)	100.0×60.0×150.0 CM		
GENERAL FEATURES AND CAPABILITIES			
Warranty	18 months		



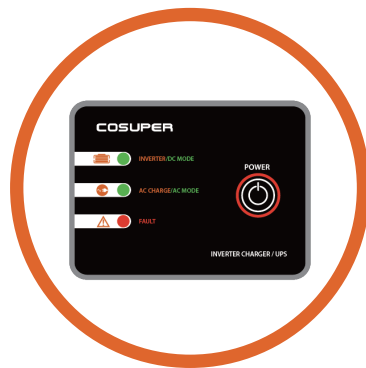
REMOTE - CR10

WORK WITH
LPT Series Inverter Charger (Page 6)



REMOTE - PTM-12

WORK WITH
CPT Series Inverter (Page 3)
CPS Series Inverter Charger (Page 5)



REMOTE - CR11

WORK WITH
LHC Series HF Inverter Charger (Page 9)



REMOTE - CR80; Center control system

WORK WITH
CPT Inverter Charger
CPS Inverter Charger