



IDEALPLUSING®

PRODUCT
SELECTION
GUIDE

IPS-PIS

Pure Sine Wave Inverter Catalog

GUANGZHOU **IDEALPLUSING** INFORMATION TECHNOLOGY CO., LTD
www.idealplusing.com

COMPANY PROFILE

We IDEALPLUSING are proud to be a solution provider rather than a pure manufacturer.

We have established close cooperation with many power supply manufacturers, with a special focus on Chinese manufacturers with less sales or less experience in overseas markets.

We IDEALPLUSING not only provide products, but also strive to provide customers with suitable power supply solutions and quotations, and help customers evaluate and choose the most suitable solution.

Our main markets include Eastern Europe, Southeast Asia and East Asia. We now have 47 supply chain partners, and our customer types include retailers, engineers, wholesalers, brand companies, private users and manufacturers.



FACTORY

Production Area



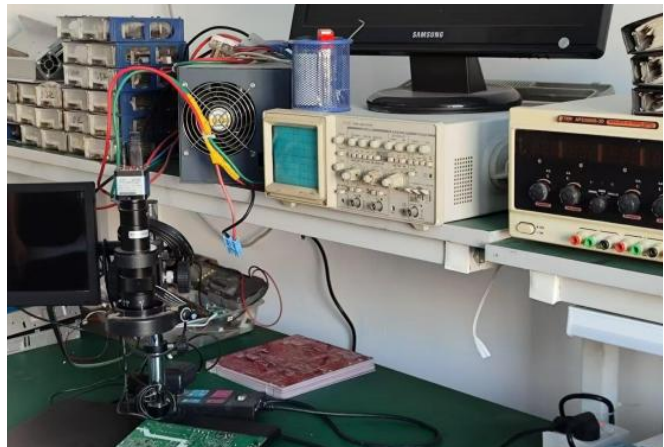
The production area is the core area for product manufacturing, with concentrated equipment and professional personnel. It guarantees production efficiency and product quality, which is crucial to the development of the enterprise.



Aging Area



The product testing area can accelerate the testing of product performance and data, discover potential quality problems in advance, improve product reliability, and ensure that product performance meets requirements.



Packaging Area



The packaging area is the final link in product production, where products are packaged to protect them and facilitate transportation and storage.



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Thank you very much for choosing IDEALPLUSING!

This catalog will provide you with detailed selection methods to help users choose suitable adjustable power products according to their needs.



600W Pure Sine Wave Inverter-IDEALPLUSING



Wave	Pure Sine Wave									
Model (IPS-PIS***)	600-212	600-224	600-236	600-248	600-260	600-272	600-284	600-296	600-211	600-2220
Continuous Power	600W									
Surge Power	1200W									
DC Voltage	DC12V	DC24V	DC36V	DC48V	DC60V	DC72V	DC84V	DC96V	DC110V	DC220V
DC Voltage Range	10-15.5V	20-31V	30-46.5V	40-62V	50-77.5V	60-94V	70-105V	80-124V	84-130V	187-250.5V
AC Voltage	100VAC/110VAC/120VAC±5% or 220VAC/230VAC/240VAC±5%									
Frequency	50HZ ±0.5HZ or 60HZ ±0.5HZ									
AC Regulation	THD<3%(Linear Load)									
Output Efficiency	92%									
No Load Current Draw	0.15A -0.55A									
Low Voltage Alarm	10.5±0.5V	21±0.5V	32±1V	42±1V	52±1V	62±1V	72±1V	82±1V	86±1V	185±1V
Low Voltage Shut Down	10±0.5V	20±0.5V	30±1V	40±1V	50±1V	60±1V	70±1V	80±1V	84±1V	187±1V
Over Voltage Shut Down	15.5±0.5V	31±0.5V	46.5±1V	62±1V	77.5±1V	93±1V	104±1V	124.2±1V	130.2±1V	260±1V
Low Voltage Recovery	13±0.5V	24±0.5V	36±1V	48±1V	60±1V	72±1V	84±1V	96±1V	110±1V	220±1V
Protection function	Low Voltage Protection function									
	Over Voltage Protection function									
	Over load Protection function									
	Over Temperature Protection function									
	Short Circuit Protection function									
Working Temperature	-10-+50°									
Storage Temperature	-30-+70°									
Product Size	233*114*55(MM)				226*166*85(MM)					
Package Size	260*160*70(MM)				260*160*70(MM)					
N.W/G.W	1.1/1.3(KG)				1.8/2(KG)					
Cooling Way	Intelligent Cooling Fan									

1000W Pure Sine Wave Inverter-IDEALPLUSING



Wave	Pure Sine Wave									
Model (IPS-PIS***)	1000-212	1000-224	1000-236	1000-248	1000-260	1000-272	1000-284	1000-296	1000-211	1000-2220
Continuous Power	1000W									
Surge Power	2000W									
DC Voltage	DC12V	DC24V	DC36V	DC48V	DC60V	DC72V	DC84V	DC96V	DC110V	DC220V
DC Voltage Range	10-15.5V	20-31V	30-46.5V	40-62V	50-77.5V	60-94V	70-105V	80-124V	84-130V	187-250.5V
AC Voltage	100VAC/110VAC/120VAC±5% or 220VAC/230VAC/240VAC±5%									
Frequency	50HZ ±0.5HZ or 60HZ ±0.5HZ									
AC Regulation	THD<3%(Linear Load)									
Output Efficiency	92%									
No Load Current Draw	0.15A -0.55A									
Low Voltage Alarm	10.5±0.5V	21±0.5V	32±1V	42±1V	52±1V	62±1V	72±1V	82±1V	86±1V	185±1V
Low Voltage Shut Down	10±0.5V	20±0.5V	30±1V	40±1V	50±1V	60±1V	70±1V	80±1V	84±1V	187±1V
Over Voltage Shut Down	15.5±0.5V	31±0.5V	46.5±1V	62±1V	77.5±1V	93±1V	104±1V	124.2±1V	130.2±1V	260±1V
Low Voltage Recovery	13±0.5V	24±0.5V	36±1V	48±1V	60±1V	72±1V	84±1V	96±1V	110±1V	220±1V
Protection function	Low Voltage Protection function									
	Over Voltage Protection function									
	Over load Protection function									
	Over Temperature Protection function									
	Short Circuit Protection function									
Working Temperature	-10~+50°									
Storage Temperature	-30~+70°									
Product Size	283*229*72(MM)				310*165*85(MM)					
Package Size	33*17*13(CM)				35*22*16.59(CM)					
N.W/G.W	1.5/2(KG)				2.5KG/3(KG)					
Cooling Way	Intelligent Cooling Fan									

1500W Pure Sine Wave Inverter-IDEALPLUDING



Wave	Pure Sine Wave									
Model (IPS-PIS***)	1000-212	1000-224	1000-236	1000-248	1000-260	1000-272	1000-284	1000-296	1000-211	1000-2220
Continuous Power	1500W									
Surge Power	3000W									
DC Voltage	DC12V	DC24V	DC36V	DC48V	DC60V	DC72V	DC84V	DC96V	DC110V	DC220V
DC Voltage Range	10-15.5V	20-31V	30-46.5V	40-62V	50-77.5V	60-94V	70-105V	80-124V	84-130V	187-250.5V
AC Voltage	100VAC/110VAC/120VAC±5% or 220VAC/230VAC/240VAC±5%									
Frequency	50HZ ±0.5HZ or 60HZ ±0.5HZ									
AC Regulation	THD<3%(Linear Load)									
Output Efficiency	92%									
No Load Current Draw	0.15A -0.55A									
Low Voltage Alarm	10.5±0.5V	21±0.5V	32±1V	42±1V	52±1V	62±1V	72±1V	82±1V	86±1V	185±1V
Low Voltage Shut Down	10±0.5V	20±0.5V	30±1V	40±1V	50±1V	60±1V	70±1V	80±1V	84±1V	187±1V
Over Voltage Shut Down	15.5±0.5V	31±0.5V	46.5±1V	62±1V	77.5±1V	93±1V	104±1V	124.2±1V	130.2±1V	260±1V
Low Voltage Recovery	13±0.5V	24±0.5V	36±1V	48±1V	60±1V	72±1V	84±1V	96±1V	110±1V	220±1V
Protection function	Low Voltage Protection function									
	Over Voltage Protection function									
	Over load Protection function									
	Over Temperature Protection function									
	Short Circuit Protection function									
Working Temperature	-10~+50°									
Storage Temperature	-30~+70°									
Product Size	310*165*85(MM)									
Package Size	35*22*16.5(CM)									
N.W/G.W	4/5(KG)									
Cooling Way	Intelligent Cooling Fan									

2000W Pure Sine Wave Inverter-IDEALPLUSING



Wave	Pure Sine Wave									
Model (IPS-PIS***)	1000-212	1000-224	1000-236	1000-248	1000-260	1000-272	1000-284	1000-296	1000-211	1000-2220
Continuous Power	2000W									
Surge Power	4000W									
DC Voltage	DC12V	DC24V	DC36V	DC48V	DC60V	DC72V	DC84V	DC96V	DC110V	DC220V
DC Voltage Range	10-15.5V	20-31V	30-46.5V	40-62V	50-77.5V	60-94V	70-105V	80-124V	84-130V	187-250.5V
AC Voltage	100VAC/110VAC/120VAC±5% or 220VAC/230VAC/240VAC±5%									
Frequency	50HZ ±0.5HZ or 60HZ ±0.5HZ									
AC Regulation	THD<3%(Linear Load)									
Output Efficiency	92%									
No Load Current Draw	0.15A -0.55A									
Low Voltage Alarm	10.5±0.5V	21±0.5V	32±1V	42±1V	52±1V	62±1V	72±1V	82±1V	86±1V	185±1V
Low Voltage Shut Down	10±0.5V	20±0.5V	30±1V	40±1V	50±1V	60±1V	70±1V	80±1V	84±1V	187±1V
Over Voltage Shut Down	15.5±0.5V	31±0.5V	46.5±1V	62±1V	77.5±1V	93±1V	104±1V	124.2±1V	130.2±1V	260±1V
Low Voltage Recovery	13±0.5V	24±0.5V	36±1V	48±1V	60±1V	72±1V	84±1V	96±1V	110±1V	220±1V
Protection function	Low Voltage Protection function									
	Over Voltage Protection function									
	Over load Protection function									
	Over Temperature Protection function									
	Short Circuit Protection function									
Working Temperature	-10~+50°									
Storage Temperature	-30~+70°									
Product Size	368*165*85(MM)									
Package Size	42.5*22.5*16.5(CM)									
N.W/G.W	4.5/5.5(KG)									
Cooling Way	Intelligent Cooling Fan									

2500W Pure Sine Wave Inverter-IDEALPLUDING



Wave	Pure Sine Wave										
Model (IPS-PIS***)	5000-212	5000-224	5000-236	5000-248	5000-260	5000-272	5000-284	5000-296	5000-211	5000-2220	5000-2380
Continuous Power	2500W										
Surge Power	5000W										
DC Voltage	DC12V	DC24V	DC36V	DC48V	DC60V	DC72V	DC84V	DC96V	DC110V	DC220V	DC380
DC Voltage Range	10-15.5V	20-31V	30-46.5V	40-62V	50-77.5V	60-94V	70-105V	80-124V	84-130V	187-250.5V	315.4-466v
AC Voltage	100VAC/110VAC/120VAC±5% or 220VAC/230VAC/240VAC±5%										
Frequency	50HZ ±0.5HZ or 60HZ ±0.5HZ										
AC Regulation	THD<3%(Linear Load)										
Output Efficiency	92%										
No Load Current Draw	0.15A -0.55A										
Low Voltage Alarm	10.5±0.5V	21±0.5V	32±1V	42±1V	52±1V	62±1V	72±1V	82±1V	86±1V	185±1V	312±1V
Low Voltage Shut Down	10±0.5V	20±0.5V	30±1V	40±1V	50±1V	60±1V	70±1V	80±1V	84±1V	187±1V	315±1V
Over Voltage Shut Down	15.5±0.5V	31±0.5V	46.5±1V	62±1V	77.5±1V	93±1V	104±1V	124.2±1V	130.2±1V	250±1V	466±1V
Low Voltage Recovery	13±0.5V	24±0.5V	36±1V	48±1V	60±1V	72±1V	84±1V	96±1V	110±1V	220±1V	380±1V
Protection function	Low Voltage Protection function										
	Over Voltage Protection function										
	Over load Protection function										
	Over Temperature Protection function										
	Short Circuit Protection function										
Working Temperature	-10--+50°										
Storage Temperature	-30--+70°										
Product Size	415*165*85(MM)										226*166*85(MM)
Package Size	49.5*22.5*16(CM)										31*17*9(MM)
N.W/G.W	5/6(KG)										3(kg)
Cooling Way	Intelligent Cooling Fan										

3000W Pure Sine Wave Inverter-IDEALPLUDING



Wave	Pure Sine Wave										
Model (IPS-PIS***)	5000-212	5000-224	5000-236	5000-248	5000-260	5000-272	5000-284	5000-296	5000-211	5000-2220	5000-2380
Continuous Power	3000W										
Surge Power	6000W										
DC Voltage	DC12V	DC24V	DC36V	DC48V	DC60V	DC72V	DC84V	DC96V	DC110V	DC220V	DC380
DC Voltage Range	10-15.5V	20-31V	30-46.5V	40-62V	50-77.5V	60-94V	70-105V	80-124V	84-130V	187-250.5V	315.4-466v
AC Voltage	100VAC/110VAC/120VAC±5% or 220VAC/230VAC/240VAC±5%										
Frequency	50HZ ±0.5HZ or 60HZ ±0.5HZ										
AC Regulation	THD<3%(Linear Load)										
Output Efficiency	92%										
No Load Current Draw	0.15A -0.55A										
Low Voltage Alarm	10.5±0.5V	21±0.5V	32±1V	42±1V	52±1V	62±1V	72±1V	82±1V	86±1V	185±1V	312±1V
Low Voltage Shut Down	10±0.5V	20±0.5V	30±1V	40±1V	50±1V	60±1V	70±1V	80±1V	84±1V	187±1V	315±1V
Over Voltage Shut Down	15.5±0.5V	31±0.5V	46.5±1V	62±1V	77.5±1V	93±1V	104±1V	124.2±1V	130.2±1V	250±1V	466±1V
Low Voltage Recovery	13±0.5V	24±0.5V	36±1V	48±1V	60±1V	72±1V	84±1V	96±1V	110±1V	220±1V	380±1V
Protection function	Low Voltage Protection function										
	Over Voltage Protection function										
	Over load Protection function										
	Over Temperature Protection function										
	Short Circuit Protection function										
Working Temperature	-10--+50°										
Storage Temperature	-30--+70°										
Product Size	480*165*85(MM)										226*166*85(MM)
Package Size	55*23*16.5(CM)										31*17*9(MM)
N.W/G.W	6/7(KG)										4(kg)
Cooling Way	Intelligent Cooling Fan										

4000W Pure Sine Wave Inverter-IDEALPLUSING



Wave	Pure Sine Wave			
Model (NP-PIS***)	4000-212	4000-224	4000-236	4000-248
Continuous Power	4000W			
Surge Power	8000W			
DC Voltage	DC12V	DC24V	DC36V	DC48V
DC Voltage Range	10-15.5V	20-31V	30-46.5V	40-62V
AC Voltage	100VAC/110VAC/120VAC±5% or 220VAC/230VAC/240VAC±5%			
Frequency	50HZ ±0.5HZ or 60HZ ±0.5HZ			
AC Regulation	THD<3%(Linear Load)			
Output Efficiency	92%			
No Load Current Draw	0.15A -0.55A			
Low Voltage Alarm	10.5±0.5V	21±0.5V	32±1V	42±1V
Low Voltage Shut Down	10±0.5V	20±0.5V	30±1V	40±1Vt
Over Voltage Shut Down	15.5±0.5V	31±0.5V	46.5±1V	62±1V
Low Voltage Recovery	13±0.5V	24±0.5V	36±1V	48±1V
Protection function	Low Voltage Protection function			
	Over Voltage Protection function			
	Over load Protection function			
	Over Temperature Protection function			
	Short Circuit Protection function			
Working Temperature	-10~+50°			
Storage Temperature	-30~+70°			
Product Size	387*217*154(MM)			
Package Size	47*30*26(CM)			
N.W/G.W	9/10(KG)			
Cooling Way	Intelligent Cooling Fan			

5000W Pure Sine Wave Inverter-IDEALPLUSING



Wave	Pure Sine Wave										
Model (NP-S5000***)	5000-212	5000-224	5000-236	5000-248	5000-260	5000-272	5000-284	5000-296	5000-211	5000-2220	5000-2380
Continuous Power	5000W										
Surge Power	10000W										
DC Voltage	DC12V	DC24V	DC36V	DC48V	DC60V	DC72V	DC84V	DC96V	DC110V	DC220V	DC380
DC Voltage Range	10-15.5V	20-31V	30-46.5V	40-62V	50-77.5V	60-94V	70-105V	80-124V	84-130V	187-250.5V	315.4-466v
AC Voltage	100VAC/110VAC/120VAC±5% or 220VAC/230VAC/240VAC±5%										
Frequency	50HZ ±0.5HZ or 60HZ ±0.5HZ										
AC Regulation	THD<3%(Linear Load)										
Output Efficiency	92%										
No Load Current Draw	0.15A -0.55A										
Low Voltage Alarm	10.5±0.5V	21±0.5V	32±1V	42±1V	52±1V	62±1V	72±1V	82±1V	86±1V	185±1V	312±1V
Low Voltage Shut Down	10±0.5V	20±0.5V	30±1V	40±1V	50±1V	60±1V	70±1V	80±1V	84±1V	187±1V	315±1V
Over Voltage Shut Down	15.5±0.5V	31±0.5V	46.5±1V	62±1V	77.5±1V	93±1V	104±1V	124.2±1V	130.2±1V	250±1V	466±1V
Low Voltage Recovery	13±0.5V	24±0.5V	36±1V	48±1V	60±1V	72±1V	84±1V	96±1V	110±1V	220±1V	380±1V
Protection function	Low Voltage Protection function										
	Over Voltage Protection function										
	Over load Protection function										
	Over Temperature Protection function										
	Short Circuit Protection function										
Working Temperature	-10-+50°										
Storage Temperature	-30-+70°										
Product Size	485*210*155(MM)										226*166*85(MM)
Package Size	58*30*26(CM)										31*17*9(MM)
N.W/G.W	12/13(KG)										6(kg)
Cooling Way	Intelligent Cooling Fan										

6000W Pure Sine Wave Inverter-IDEALPLUDING



Wave	Pure Sine Wave									
Model (IPS-PIS***)	6000-212	6000-224	6000-236	6000-248	6000-260	6000-272	6000-284	6000-296	6000-211	6000-2220
Continuous Power	6000W									
Surge Power	1200W									
DC Voltage	DC12V	DC24V	DC36V	DC48V	DC60V	DC72V	DC84V	DC96V	DC110V	DC220V
DC Voltage Range	10-15.5V	20-31V	30-46.5V	40-62V	50-77.5V	60-94V	70-105V	80-124V	84-130V	187-250.5V
AC Voltage	100VAC/110VAC/120VAC±5% or 220VAC/230VAC/240VAC±5%									
Frequency	50HZ ±0.5HZ or 60HZ ±0.5HZ									
AC Regulation	THD<3%(Linear Load)									
Output Efficiency	92%									
No Load Current Draw	0.15A -0.55A									
Low Voltage Alarm	10.5±0.5V	21±0.5V	32±1V	42±1V	52±1V	62±1V	72±1V	82±1V	86±1V	185±1V
Low Voltage Shut Down	10±0.5V	20±0.5V	30±1V	40±1V	50±1V	60±1V	70±1V	80±1V	84±1V	187±1V
Over Voltage Shut Down	15.5±0.5V	31±0.5V	46.5±1V	62±1V	77.5±1V	93±1V	104±1V	124.2±1V	130.2±1V	260±1V
Low Voltage Recovery	13±0.5V	24±0.5V	36±1V	48±1V	60±1V	72±1V	84±1V	96±1V	110±1V	220±1V
Protection function	Low Voltage Protection function									
	Over Voltage Protection function									
	Over load Protection function									
	Over Temperature Protection function									
	Short Circuit Protection function									
Working Temperature	-10~+50°									
Storage Temperature	-30~+70°									
Product Size	485*210*155(MM)									
Package Size	58*30*26(CM)									
N.W/G.W	14/15(KG)									
Cooling Way	Intelligent Cooling Fan									

IDEALPLUSING®

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