

Pure Sine Wave Inverter

12V DC to 200/400/600/1000/1500W/2200W AC

The ProVista's PI Series offers affordable, quality pure sine wave inverter solution for both recreational and commercial applications. Available in 5 models with high surge capability, the ProVista's PI Series provides the necessary current to startup demanding electrical loads. In addition to dual GFCI AC receptacles, the ProVista's PI Series include an USB connection for providing power to most USB chargeable devices. The ProVista PI Series offers many safety features not found in similar inverters. When equipped with a remote control, the ProVista's PI Series has the ability to provide the inverter's running status such as voltage, current, power & battery level and display in them in the built-in LCD on the remote control.

The compact, easy-to-use and easy-to-install design of the ProVista's PI Series makes it ideal for use in commercial truck, RV and marine applications. With Pure Sine Wave output, the ProVista's PI Series can provide power for all types of electrical loads including, variable speed power tools, advanced electrical appliances, microwaves and much more.









Features:

- 12V DC to AC
- Power version 200W/400W/600W/1000W/1500W /2200W
- Pure Sine Wave voltage and current
- Excellent overload capabilities
- Durable Aluminum housing
- Power saving mode to save energy
- Total Harmonic distortion <3%
- High max eff. 89%
- Input / under voltage / over voltage protections
- Output short circuit / overload /over temperature protections
- Temperature fan cooling control
- LCD digital display (Voltage, current, Power and battery level)
- 5V USB port
- Optional LCD remote control (On/off, Voltage, current, Power and battery level)
- Optional from PV solar panel input







Application

Back-up and emergency power for small home and office system
 Built-in charger controller to charge battery by solar PV and DC source.





Model No.	Euro Version US Version	PIP600-230 PIP600-120	PIP1000-230 PIP1000-120	PIP1500-230 PIP1500-120	PIP2200-230 PIP2200-120
Dimension	(L X W X H), mm	 297 x 204 x 102	 379 x 204 x 102	 429 x 204 x 102	 429 x 204 x 102
Output	Output Voltage	230V / 120V			
	Maximum Output Current	2.6A / 5A	4.35A / 8.33A	6.52A / 12.5A	9.5A / 18.5A
	Output Frequency	50 / 60Hz			
	Type Of Output Waveform	Pure Sine wave			
	Total Harmonic Distortion Of Output Waveform	≤ 3%			
	Continuous Output Power (At Power Factor = 1)	600W	1000W	1500W	2200W
	Surge Output Power (At Power Factor = 1; < 0.5s)	1200W	2000W	3000W	4400W
	Peak Efficiency	89%/88%			92%/88%
	USB Output	5V / 1A / 2A			
	AC Output Connections	VDE, BS, SAA / Dual GFCI			
Input	Nominal DC Input Voltage	12V			24V
	DC Input Voltage Range	10.5V-15.3V			21V-30V
	Maximum Input Current	60A	100A	150A	120A
	DC Input Current At No Load	≤ 750mA	≤ 1A	≤ 1A	≤ 0.5A
	DC Input Connections	Knob Terminals			
Display	LCD 	Power, Battery Level, Voltage, Current			
Protections	Low DC Input Voltage Alarm	10.5V			
	Low DC Input Voltage Shutdown	10.5V			
	High DC Input Voltage Shutdown	15.3V			
	Short Circuit Shutdown	YES			
	Overload Shutdown	660W	1100W	1650W	2500W
	Over Temperature Shutdown	YES			
	Reverse Polarity On DC Input Side	By Fuse			
Solar Charger	Charging Current	20A PWM	30A PWM	30A PWM	30A PWM
	System Voltage	16-45V			32-45V
	Max. Input Ocv	45V			
	Max. Input Current	20A	30A	30A	30A
Remote	Wired Remote Control (Optional) 	YES			
Cooling	Forced Air Cooling	Temperature & Load Controlled Fan			
Compliance	Safety	CE-LVD(EN60950), AS/NZS4763:2011			
	EMI/EMC	CE-EMC, C-Tick			
Environment	Operating Temperature Range	-20°C ~ 40°C			
Weights	Kg	2.7	3.8	4.7	4.7
	Lbs	6.048	8.512	10.528	10.528
Others	Warranty	1			
	Applications	RV, Yacht, Caravan, Truck, Portable Electrical Appliances.....etc			



Model No.	Euro Version US Version	PIK600-230 PIK600-120	PIK1000-230 PIK1000-120	PIK1500-230 PIK1500-120	PIK2200-230 PIK2200-120
Dimension	(L X W X H), mm	 297 x 204 x 102	 379 x 204 x 102	 429 x 204 x 102	 429 x 204 x 102
Output	Output Voltage	230V/120V			
	Maximum Output Current	2.6A / 5A	4.35A / 8.33A	6.52A / 12.5A	9.5A / 18.5A
	Output Frequency	50 / 60Hz			
	Type Of Output Waveform	Pure Sine wave			
	Total Harmonic Distortion Of Output Waveform	≤ 3%			
	Continuous Output Power (At Power Factor = 1)	600W	1000W	1500W	2200W
	Surge Output Power (At Power Factor = 1; < 0.5s)	1200W	2000W	3000W	4400W
	Peak Efficiency	89%/88%			92%/88%
	USB Output	5V / 1A / 2A			
Input	AC Output Connections	VDE, BS, SAA / Dual GFCI			
	Nominal DC Input Voltage	12V			24V
	DC Input Voltage Range	10.5V-15.3V			21V~30V
	Maximum Input Current	60A	100A	150A	120A
	DC Input Current At No Load	≤ 750mA	≤ 1A	≤ 1A	≤ 0.5A
Display	DC Input Connections	Knob Terminals			
	LCD 	Power, Battery Level, Voltage, Current			
Protections	Low DC Input Voltage Alarm	10.5V			
	Low DC Input Voltage Shutdown	10.5V			
	High DC Input Voltage Shutdown	15.3V			
	Short Circuit Shutdown	YES			
	Overload Shutdown	660W	1100W	1650W	2500W
	Over Temperature Shutdown	YES			
	Reverse Polarity On DC Input Side	By Fuse			
Remote	Wired Remote Control (Optional) 	YES			
Cooling	Forced Air Cooling	Temperature & Load Controlled Fan			
Compliance	Safety	CE-LVD(EN60950), AS/NZS4763:2011			
	EMI/EMC	CE-EMC, C-Tick			
Environment	Operating Temperature Range	-20°C ~ 40°C			
Weights	Kg	2.7	3.8	4.7	4.7
	Lbs	6.048	8.512	10.528	10.528
Others	Warranty	1			
	Applications	RV, Yacht, Caravan, Truck, Portable Electrical Appliances.....etc			





Model No.		PIK200-230	PIK400-230
Dimension	(L X W X H), mm	 188X100X60	 213X100X60
Output	Output Voltage	230V	230V
	Maximum Output Current	0.87A	1.74A
	Output Frequency	50Hz	50Hz
	Type Of Output Waveform	Pure Sine wave	Pure Sine wave
	Total Harmonic Distortion Of Output Waveform	≤ 3%	≤ 3%
	Continuous Output Power (At Power Factor = 1)	200W	400W
	Surge Output Power (At Power Factor = 1; < 0.5s)	400W	800W
	Peak Efficiency	89%	88%
	USB Output	5V / 2.1A	5V / 2.1A
	AC Output Connections	VDE, BS, SAA	VDE, BS, SAA
Input	Nominal DC Input Voltage	12V	12V
	DC Input Voltage Range	10.5V-15.3V	10.5V-15.3V
	Maximum Input Current	20A	40A
	DC Input Current At No Load	≅ 750mA	≅ 1A
	DC Input Connections	Knob Terminals	Knob Terminals
Display	LCD	NA	NA
Protections	Low DC Input Voltage Alarm	10.5V	10.5V
	Low DC Input Voltage Shutdown	10.5V	10.5V
	High DC Input Voltage Shutdown	15.3V	15.3V
	Short Circuit Shutdown	YES	YES
	Overload Shutdown	270W	450W
	Over Temperature Shutdown	YES	YES
	Reverse Polarity On DC Input Side	By Fuse	By Fuse
Remote	Wired Remote Control (Optional)	NO	NO
Cooling	Forced Air Cooling	Temperature & Load Controlled Fan	
Compliance	Safety	CE-LVD(EN60950), AS/NZS4763:2011	
	EMI / EMC	CE-EMC, C-Tick	
Environment	Operating Temperature Range	-20°C ~ 40°C	-20°C ~ 40°C
Weights	Kg	0.735	0.887
	Lbs	1.646	1.987
Others	Warranty	1	
	Applications	RV, Yacht, Caravan, Truck, Portable Electrical Appliances.....etc	

Specification and approval status are subject to change without prior notice.


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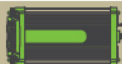
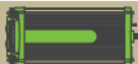


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Model No.	Euro Version	PIP1000-230	PIP1500-230
Dimension	(L X W X H), mm	 379 x 204 x 102	 429 x 204 x 102
Output	Output Voltage	230V / 120V	
	Maximum Output Current	4.35A / 8.33A	6.52A / 12.5A
	Output Frequency	50 / 60Hz	
	Type Of Output Waveform	Pure Sine wave	
	Total Harmonic Distortion Of Output Waveform	≤ 3%	
	Continuous Output Power (At Power Factor = 1)	1000W	1500W
	Surge Output Power (At Power Factor = 1; < 0.5s)	2000W	3000W
	Peak Efficiency	89%/88%	
	USB Output	5V / 1A / 2A	
Input	AC Output Connections	VDE, BS, SAA / Dual GFCI	
	Nominal DC Input Voltage	12V	
	DC Input Voltage Range	10.5V-15.3V	
	Maximum Input Current	100A	150A
	DC Input Current At No Load	≤ 1A	≤ 1A
	DC Input Connections	Knob Terminals	
	AC Input	230V	
	Transfer Time	< 20ms	
Display	LCD 	Power, Battery Level, Voltage, Current	
Protections	Low DC Input Voltage Alarm	10.5V	
	Low DC Input Voltage Shutdown	10.5V	
	High DC Input Voltage Shutdown	15.3V	
	Short Circuit Shutdown	YES	
	Overload Shutdown	1100W	1650W
	Over Temperature Shutdown	YES	
	Reverse Polarity On DC Input Side	By Fuse	
Solar Charger	Charging Current	30A PWM	30A PWM
	System Voltage	16-45V	
	Max. Input Ocv	45V	
	Max. Input Current	30A	30A
Remote	Wired Remote Control (Optional) 	YES	
Cooling	Forced Air Cooling	Temperature & Load Controlled Fan	
Compliance	Safety	CE-LVD(EN60950), AS/NZS4763:2011	
	EMI/EMC	CE-EMC, C-Tick	
Environment	Operating Temperature Range	-20°C ~ 40°C	
Weights	Kg	3.8	4.7
	Lbs	8.512	10.528
Others	Warranty	1	
	Applications	RV, Yacht, Caravan, Truck, Portable Electrical Appliances.....etc	