



High-end electronic and mechanical design



High conversion rate



Low self-consumption



Broad operating temperature range (-10°C to 45°C)



Protected against overloads, overconsumption, short circuits, reverse polarity, low battery

UNIPOWER converters

TRANSFORMS YOUR BATTERY INTO A POWER SUPPLY

Whether you need to power your equipment on the go (laptops, lamps, small appliances), in the event of a power outage, or in remote locations, UNITECK inverters are the solution for benefiting from 230V power from your battery. Ideal for vehicles, campers, boats, or sites not connected to the power grid, they meet the needs of mobility and energy independence.

UNITECK inverters are available in two technologies:

- Quasi-sine wave range for standard electrical equipment
- Pure sine wave range for sensitive electrical equipment or equipment with startup peaks, such as motors, refrigerators, etc.



Quality guaranteed by Uniteck
Made in Taiwan, packaged in France

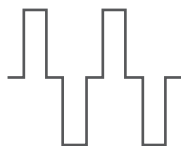
EN 62368-1 Emission
EMC : EN 55022 class B
Susceptibility EMC : EN 55024,
EN 61000-4-2, EN 61000-4-3, EN 61000-4-8 LVD : EN 60950-1

WHICH DIFFERENCES BETWEEN QUASI SINE AND PURE SINE WAVE ?

To supply your 230V electrical devices with your 12V or 24V battery.



The Pure sinus models create a stable voltage of the same quality as the electrical grid. They can supply all devices even the most sensitive ones (Espresso machine, fridge...).



The Quasi sinus models create a modified AC wave. They are suitable for recharging most electric and electronic devices such as mobile phones, cameras, laptops, lighting (except neon)...

⚠ The Quasi sinus models create a modified AC wave. They are suitable for recharging most electric and electronic devices such as mobile phones, cameras, laptops, lighting (except neon)...

HELP FOR CHOOSING YOUR INVERTER

Start-up peak (1 s.)	10 W	30 W	20 W	20 W	20 W	50 W	100 W	150 W	200 W	350W	500 W	600 W	750 W	1000 W	1200 W	1200 W	1200 W	1500 W	1500 W	1500 W	1800 W	2250 W	2700 W	3000 W
Continuous power	5 W	20 W	20 W	20 W	20 W	50 W	100 W	150 W	150 W	350 W	50 W	200 W	500 W	1000 W	600 W	800W	1200 W	150 W	1500 W	1500 W	600 W	1500 W	450 W	300 W
Quasi Sinus / Pure Sinus	Q/P	P	Q/P	Q/P	Q/P	Q/P	Q/P	Q/P	Q/P	Q/P	P	Q/P	P	Q/P	Q/P	Q/P	Q/P	P	Q/P	Q/P	Q/P	P	P	P

UNIPOWER 150.12 Q - 150.24 Q

UNIPOWER 350.12 Q - 350.24 Q

UNIPOWER 600.12 Q - 600.24 Q

UNIPOWER 1000.12 Q - 1000.24 Q

UNIPOWER 2000.12 Q - 2000.24 Q

UNIPOWER PRO 800.12

UNIPOWER PRO 1200.12

UNIPOWER PRO 1800.12

UNIPOWER PRO 2400.12

UNIPOWER PRO 3600.12

+ + = 900 W
 200 W 600 W 100 W

N.B.: Powers and inrush ratios are given on an indicative basis.

For more information, refer to the values indicated on the identification plate or in the user manual of the device that needs to be supplied.



Perfectly stable voltage thanks to its Pure Sine wave (<2,5% THD)



Constant & high conversion rate



High quality electronic and mechanical design



Compact and light



"High Inrush Capacity" Technology to supply inductive loads



Low self-consumption thanks to its eco mode (< 1W)



Device "Safe Connect" Protection against polarity reversal



Advanced On/Off



Wide operating temperature range



E-mark Certification - R10 Automotive EMC Compliance



.Quality guarantee by Uniteck
Made in Taiwan, Developed in France



CEM émission : EN 55032 class B
CEM réception : EN 55024,
EN 62368-1

UNIPOWER PRO power inverters

PURE SINE WAVE HIGH PERFORMANCES

UNIPOWER PRO is the range of high performance 12-24V > 230V pure sine wave power inverters

Thanks to its integrated microprocessor, UNIPOWER PRO provides a perfectly stable voltage with the same quality as the electric grid (pure sine wave), ideal to safely power all your electrical devices

UNIPOWER PRO can thus supply all inductive charges (fridges, motors), without having to use an oversized inverter.

Thanks to its automatic standby mode, UNIPOWER PRO has one of the lowest self-consumption rates on the market.

Besides, UNIPOWER PRO offers a smart ON/OFF management controlled by:

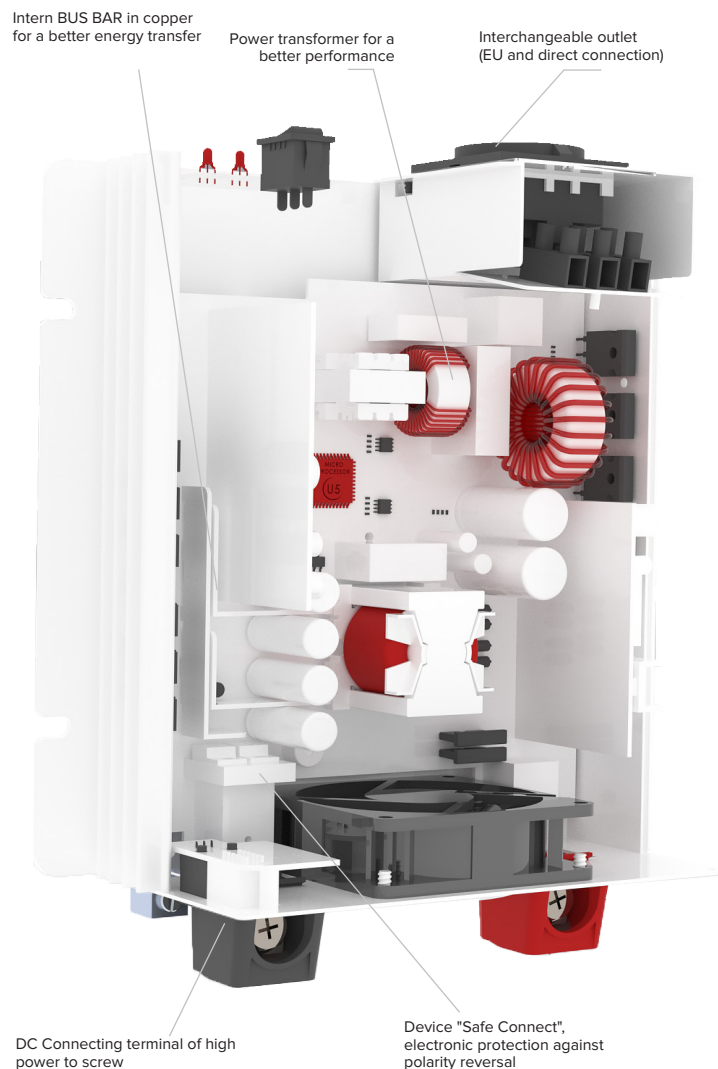
- the switch situated on the device,
- the remote control (option),
- an external signal from the battery positive terminal,
- an external signal by dry contact.



Remote control in option - 5M. ref.0637



ADVANCED ELECTRONIC ARCHITECTURE



PURE SINE



UNIPOWER PRO MODELS provides a perfectly stable voltage (THD<2,5%), even on high current draws. It powers thus all the devices, even the most sensitive ones with a current similar to the electric grid

HIC TECHNOLOGY HIGH INRUSH CAPACITY



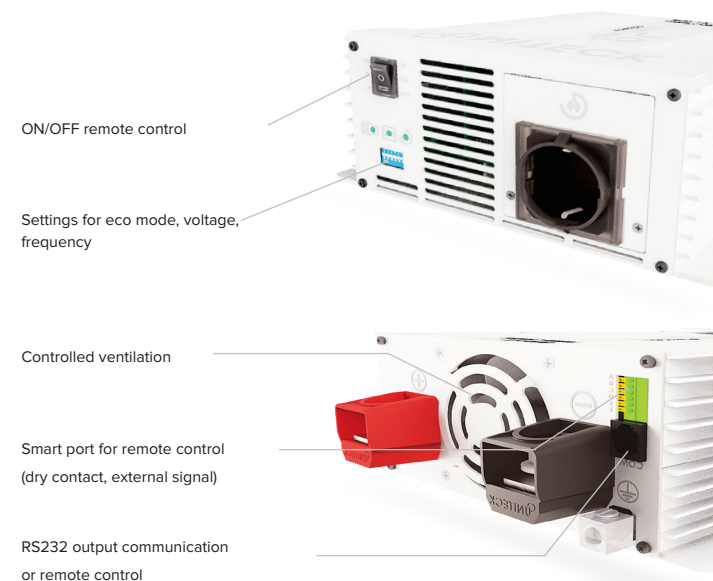
UNIPOWER PRO is equipped with "HIC-High Inrush Capacity" Technology, unique on the market, which provides the maximum power on a period of time twice longer than most of the inverters (peak power = 3sec.). This Technology is adapted to use inductive charges (fridge, motor, etc...) without oversizing the inverter.

ADAPTABILITY



UNIPOWER PRO is supplied with 2 connections :
EU outlet and direct connection
(except for 3600W, direct connection only,
EU outlet non-adapted for these powers)

START/STOP CONTROL & SMART SELF-CONSUMPTION



I PURE SINE



**UNIPOWER
800.12 PRO**

Ref 2594



**UNIPOWER
1200.12 PRO**

Ref 2600



**UNIPOWER
1800.12 PRO**

Ref 1306



**UNIPOWER
2400.12 PRO**

Ref 0910



**UNIPOWER
3600.12 PRO**

Ref 0521

System

Conversion 12 VDC > 230 VAC

Power

Peak power - 3 seconds	1400W	2000W	3000W	4000W	6000W
Continuous power at 30°C	840W	1200W	1800W	2400W	3600W
Continuous power at 40°C	700W	1000W	1500W	2000W	3000W
Continuous power at 50°C	560W	800W	1200W	1600W	2400W
	420W	600W	900W	1200W	1800W

Technology Pure Sine (THD <2,5%)

Self-consumption

Normal mode <1,3A <1,6A <1,8A <1,85A <2,8A

Eco mode <0.01A

Maximum efficiency 91% 92% 92% 93% 92%

Input

Input voltage range 10,5V - 16,5V

Overvoltage battery protection yes

Low voltage battery protection yes

Polarity reversal protection yes

Output



(Included : EU outlet and direct connection)



(Direct connection only)

Output AC voltage 230V +/-3% (adjustable 200,220,240V) - 50 Hz (adjustable 60Hz)

Short-circuit protection yes

Overconsumption protection yes

Command - Communication

Remote control option (ref. 0637)

Command by dry contact yes

(N.O./COM/N.C./GND/RSB-/RSB+)

RS232 - Communication yes

Mechanical characteristics

International Protection rating IP10

Operating temperature -20/+60 °C

Storage temperature -30/+70 °C

Non-condensing humidity 95% max








DC wire (no included) Ref. 2754 25 mm² - 1 m Ref. 2754 25 mm² - 1 m Ref. 2761 35 mm² - 1 m Ref. 2778 50 mm² - 1 m Ref. 2785 50 mm² - 1 m

Dimensions (mm) 192x210x88,9 192x250x88,9 192x300x88,9 192x375x88,9 192 × 455 × 88,9

Weight without accessories 2,5kg 3,3kg 3,9kg 5,3kg 6,2kg

Warranty

Period 2 years 2 years 2 years 2 years 2 years

					
	UNIPOWER 800.24 PRO Ref 2853	UNIPOWER 1200.24 PRO Ref 2860	UNIPOWER 1800.24 PRO Ref 2877	UNIPOWER 2400.24 PRO Ref 2617	UNIPOWER 3600.24 PRO Ref 2624
System					
Conversion	24 VDC > 230 VAC				
Power					
Peak power - 3 seconds	1400W	2000W	3000W	4000W	6000W
Continuous power at 30°C	840W	1200W	1800W	2400W	3600W
Continuous power at 40°C	700W	1000W	1500W	2000W	3000W
Continuous power at 50°C	560W	800W	1200W	1600W	2400W
	420W	600W	900W	1200W	1800W
Technology	Pure Sine (THD <2,5%)				
Self-consumption					
Normal mode	<0,65A	<0,8A	<0,95A	<1,1A	<1,5A
Eco mode	<0.01A				
Maximum efficiency	92%	93%	93%	93%	93%
Input					
Input voltage range	20V - 33V				
Overvoltage battery protection	yes				
Low voltage battery protection	yes				
Polarity reversal protection	yes				
Output	 (Included : EU outlet and direct connection)		 (Direct connection only)		
Output AC voltage	230V +/-3% (adjustable 200,220,240V) - 50 Hz (adjustable 60Hz)				
Short-circuit protection	yes				
Overconsumption protection	yes				
Command - Communication					
Remote control	option (ref. 0637)				
Command by dry contact (N.O./COM/N.C./GND/RSB-/RSB+)	yes				
RS232 - Communication	yes				
Mechanical characteristics					
International Protection rating	IP10				
Operating temperature	-20/+60 °C				
Storage temperature	-30/+70 °C				
Non-condensing humidity	95% max				
DC wire (no included)	Ref. 2754 25 mm ² - 1 m	Ref. 2754 25 mm ² - 1 m	Ref. 2754 25 mm ² - 1 m	Ref. 2761 35 mm ² - 1 m	Ref. 2761 35 mm ² - 1 m
Dimensions (mm)	192x210x88,9	192x250x88,9	192x300x88,9	192x375x88,9	192 × 455 × 88,9
Weight without accessories	2,5kg	3,3kg	3,9kg	5,3kg	6,2kg
Warranty					
Period	2 years	2 years	2 years	2 years	2 years

