



ADVANCED ELECTRONIC ARCHITECTURE

+ efficiency
- selfconsumption
= more energy

ex: of a quasi sinus	Other (entry level price range)	UNIPOWER
conversion rate	80-85%	87%
self-consumption/ hour	0,4-0,5 Ah	0,25 Ah

Simulation of a 100 Ah battery		
converted energy	85 Ah	87 Ah
self-consumption over 24h	10 Ah	5 Ah
restored energy	75 Ah	82 Ah

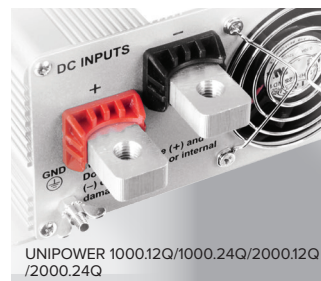
10% to 20%*

more energy

*If maximum discharge is set at 50%



Advanced electronic architecture



Robust mechanics



Powerful USB Socket



Remote display and control

THE 12 V>230 V/24 V>230 V RANGE



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

THE DC>DC RANGE



To supply your 12V electrical devices with your 24V battery. Ideal for lighting applications or for supplying 12V electrical devices.



High-end electronic and mechanical design

High conversion rate

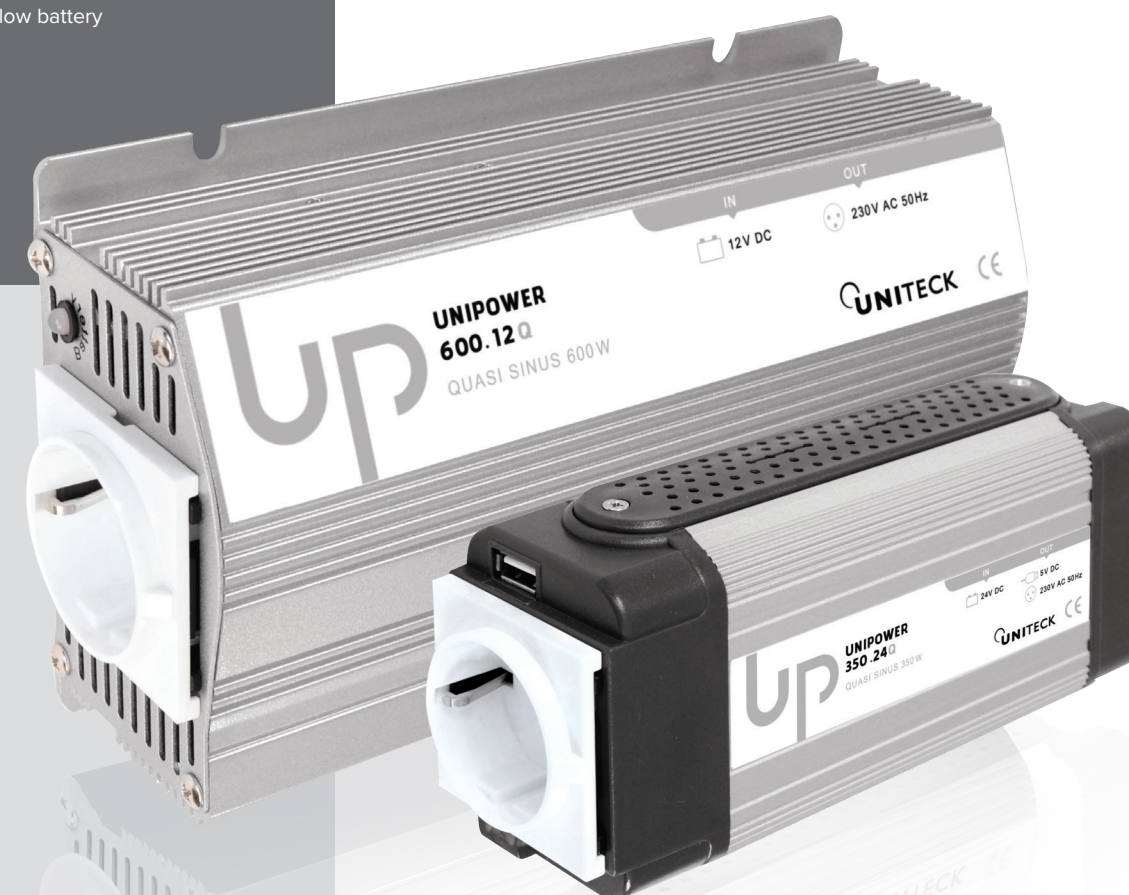
Low self-consumption

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

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

UNIPOWER inverters

TRANSFORMS YOUR BATTERY INTO A POWER SUPPLY



Quality guaranteed by Uniteck

Made in Taiwan



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

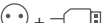
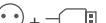
With an advanced electronic architecture coupled with robust mechanics (fans, connectors, wiring...), UNIPOWER has been developed for all uses, even the most intensive.

Thanks to their high conversion rate and their low self-consumption, the UNIPOWER range convert up to 20% more energy than a standard inverter.

Their broad range of operating temperature (-10°C to 45°C) guarantees an optimum functioning in any situation (hold of a boat, under vehicle seats...).

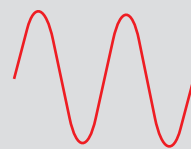
UNIPOWER 12 V > 230 V inverters

QUASI SINUS

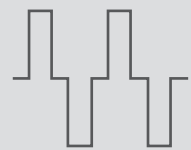
					
	UNIPOWER 150.12 Q Ref 0101	UNIPOWER 350.12 Q Ref 0118	UNIPOWER 600.12 Q Ref 0125	UNIPOWER 1000.12 Q Ref 0132	UNIPOWER 2000.12 Q Ref 0613
System					
Conversion	12 VDC > 230 VAC	12 VDC > 230 VAC	12 VDC > 230 VAC	12 VDC > 230 VAC	12 VDC > 230 VAC
Continuous/ peak power (1 s.)	150/300W	350/700W	600/1 200W	1000/2 000W	2 000/4 000W
Technology	Quasi sinus	Quasi sinus	Quasi sinus	Quasi sinus	Quasi sinus
Self-consumption	0,2 A	0,25 A	0,5 A	0,6 A	1,6 A
Max. efficiency	87%	87%	87%	87%	87%
Remote display/control	no	no	no	no	yes
Input					
	 0,7 m	 0,85 m	 0,95 m	 1 m	 1 m
Input voltage range	9,5 - 16 V	9,5 - 16 V	9,5 - 16 V	9,5 - 16 V	9,5 - 16 V
Surge protection	yes	yes	yes	yes	yes
Low battery protection	yes	yes	yes	yes	yes
Short circuit protection	yes	yes	yes	yes	yes
Output					
					
Output voltage	230 V AC + USB 5V-1A DC	230 V AC + USB 5V-3A DC	230 V AC + USB 5V-3A DC	230 V AC	230 V AC
Frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Overconsumption protection	yes	yes	yes	yes	yes
Mechanical characteristics					
International Protection rating	IP10	IP10	IP10	IP10	IP10
Operating temperature	-15/+45 °C	-15/+45 °C	-15/+45 °C	-15/+45 °C	-15/+45 °C
Humidity (without condensation)	90 % max.	90 % max.	90 % max.	90 % max.	90 % max.
Storage temperature	-30°/+70 °C	-30°/+70 °C	-30°/+70 °C	-30°/+70 °C	-30°/+70 °C
Dimensions (mm)	155 × 85 × 55	180 × 85 × 55	220 × 123 × 65	195 × 179 × 82,5	425 × 179 × 82,5
Net weight without accessories	0,46 kg	0,56 kg	1,4 kg	2,4 kg	3,7 kg
Net weight with accessories	0,49 kg	0,59 kg	1,8 kg	2,7 kg	4,3 kg
Warranty					
Period	2 years	2 years	2 years	2 years	2 years

WHICH DIFFERENCES BETWEEN QUASI SINE AND PURE SINE WAVE ?

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



The Pur Sinus models deliver a perfectly stable voltage, of the same quality as the electrical network. They supply all appliances, even the most sensitive ones (espresso machine, fridge, etc...)



Quasi Sinus models generate a modified alternating wave. They are suitable for charging most electrical and electronic devices such as phones, cameras, laptops, lighting (excluding neon)...⁽¹⁾

⁽¹⁾ ⚠ Technology not suitable for powering inductive loads: fridge, motor... (destructive for the converter).

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	350 W	500 W	600 W	750 W		
Continuous power	5 W	20 W	20 W	20 W	50 W	100 W	150 W	150 W	350 W	50 W	200 W	500 W			
Quasi Sinus / Pure Sinus	Q/P	P	Q/P	Q/P	Q/P	Q/P	Q/P	Q/P	Q/P	Q/P	Q/P	Q/P	P		
UNIPOWER 150.12 Q															
UNIPOWER 350.12 Q															
UNIPOWER 600.12 Q															
UNIPOWER 1000.12 Q															
UNIPOWER 2000.12 Q															

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.

											
1000 W	1200 W	1200 W	1200 W	1500 W	1500 W	1500 W	1800 W	2250 W	2700 W	3000 W	200 W
1000 W	600 W	800 W	1200 W	150 W	1500 W	1500 W	600 W	1500 W	450 W	300 W	+
Q/P	Q/P	Q/P	Q/P	P	Q/P	Q/P	Q/P	P	P	P	+
											600 W
											+
											100 W
											=
											900 W

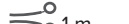
UNIPOWER 24 V > 230 V inverters

QUASI SINUS

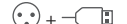
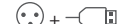
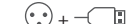
System

Conversion	24 VDC > 230 VAC	24 VDC > 230 VAC	24 VDC > 230 VAC	24 VDC > 230 VAC	24 VDC > 230 VAC	24 V DC > 2 V DC
Continuous/ peak power (1 s.)	150/300W	350/700W	600/1 200W	1000/2 000W	2 000/4 000W	200/300W
Technology	Quasi sinus	Quasi sinus	Quasi sinus	Quasi sinus	Quasi sinus	Inverter DC-DC
Self-consumption	0,1 A	0,2 A	0,3 A	0,3 A	0,2 A	0,3 A
Max. efficiency	87%	87%	87%	87%	87%	87%
Remote display/ control	no	no	no	no	yes	no

Input

	 0,7 m	 0,85 m	 0,95 m	 1 m	 1 m	in
Input voltage range	20 - 32 V	20 - 32 V	20 - 32 V	20 - 32 V	20 - 32 V	18 - 30 V DC
Surge protection	yes	yes	yes	yes	yes	yes
Low battery protection	yes	yes	yes	yes	yes	yes
Short circuit protection	yes	yes	yes	yes	yes	yes

Output

						out
Output voltage	230 V AC+USB 5V-1A DC	230 V AC+USB 5V-3A DC	230 V AC+USB 5V-3A DC	230 V AC	230 V AC	12-13 V DC
Frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	-
Overconsumption protection	yes	yes	yes	yes	yes	yes

Mechanical characteristics

International Protection rating	IP10	IP10	IP10	IP10	IP10	IP 10
Operating temperature	-15/+45 °C	-15/+45 °C	-15/+45 °C	-15/+45 °C	-15/+45 °C	-15/+45 °C
Humidity (without condensation)	90% max.	90 % max.	90% max.	90% max.	90% max.	90% max.
Storage temperature	-30/+70 °C	-30/+70 °C	-30/+70 °C	-30/+70 °C	-30/+70 °C	-30/+70 °C
Dimensions	155 × 85 × 55 mm	180 × 85 × 55 mm	220 × 123 × 65 mm	195 × 179 × 82,5 mm	425 × 179 × 82,5 mm	178 × 89 × 50 mm
Net weight without accessories	0,46 kg	0,56 kg	1,4 kg	2,4 kg	3,7 kg	0,6 kg
Net weight with accessories	0,49 kg	0,59 kg	1,8 kg	2,7 kg	4,3 kg	0,6 kg

Warranty

Period	2 years	2 years	2 years	2 years	2 years	2 years
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HELP FOR CHOOSING YOUR INVERTER

Start-up peak (1 s.)

Continuous power
Quasi Sinus / Pure Sinus

													
10 W	30 W	20 W	20 W	20 W	50 W	100 W	150W	200 W	350W	500 W	600 W	750 W	1000 W
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
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

										
1200 W	1200 W	1200 W	1500 W	1500W	1500 W	1500 W	1800 W	2250 W	2700 W	3000 W
600 W	800W	1200 W	150 W	1500 W	1500 W	1500 W	600 W	1500 W	450 W	300 W
Q/P	Q/P	Q/P	P	Q/P	Q/P	Q/P	Q/P	P	P	P



200 W

+



600 W

+



100 W

=

900 W

24 V > 230 V

UNIPOWER 150.24 Q
UNIPOWER 350.24 Q
UNIPOWER 600.24 Q
UNIPOWER 1000.24 Q
UNIPOWER 2000.24 Q

24 V > 12 V DC

UNIPOWER 200.12 DC

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.

24 V > 12 V DC

DC>DC



UNIPOWER
200.12 DC
Ref 0651