

PowerSine PRO Compact Inverters 300W - 800W



PowerSine PRO are designed specifically for mission critical applications where lives and livelihoods depend on power.

Designed & manufactured in Europe, PowerSine PRO inverters are built with leading brand components to provide a superlative inverter that outperforms all others and last years in every-day applications. PowerSine PRO inverters are the only range to carry a full 3 year warranty extendable to 5 years.

PowerSine PRO utilises hybrid power conversion technology to provide significant benefits over low-cost, leisure style switch-mode inverters:

- Significantly improved reliability
- Ability to provide greater than their rated output for lengthier periods of time as well as deliver much higher surge currents
- Withstands inductive AC loads without inverter damage
- Highly resistant to AC Back-feed & AC Short-Circuit
- Ability to provide continuous high output in high ambient temps



E-Mark certification pending,
expected certification date
May 1st 2019

PowerSine PRO Compact inverters are available from 300-800 watts 12 & 24V input. Ideal for operating sensitive test equipment, audio-visual, computers, power tools, medical equipment and all other AC appliances. An extremely 'clean' AC output (<5% THD) ensures absolute compatibility with all devices.



(Right) - All models feature multi-function LEDs which indicate operational status and errors. The larger 600 and 800w units also feature volt-free contacts for remote switching on/off.



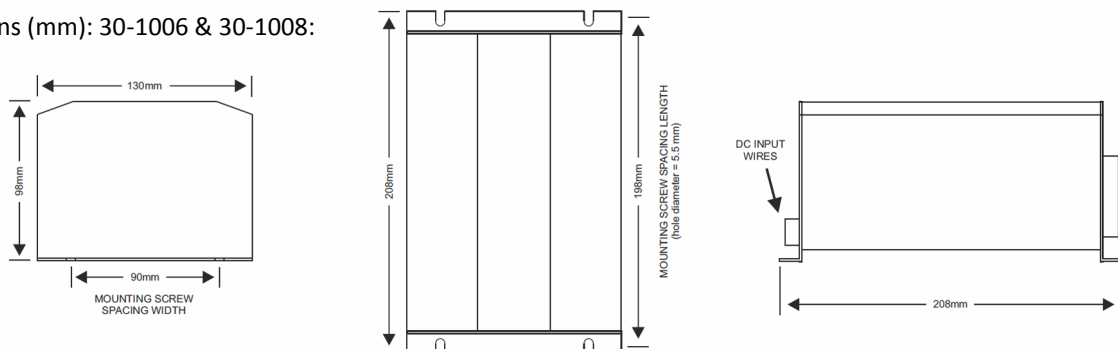
PowerSine PRO Compact Inverters 300W - 800W

	12 VOLT		24 VOLT	
PART #	30-1006	30-1010	30-1008	30-3012
OUTPUT POWER* (CONTINUOUS)	250W	500W	300W	600W
OUTPUT POWER* (10 MINS)	330W	600W	360W	800W
OUTPUT POWER* (SURGE)	700W	1000W	800W	1200W
OUTPUT VOLTAGE / FREQUENCY	230V AC $\pm 2\%$ 50Hz $\pm 0.05\%$ (115V/60Hz Available)			
OUTPUT WAVEFORM	True Sinewave (THD <5%)			
ADMISSABLE COS ϕ OF LOAD	0.2 - 1 (up to continuous output)			
INPUT VOLTAGE	10.5 - 16VDC		21 - 31VDC	
EFFICIENCY	91%	92%	93%	93%
OPERATING TEMPERATURE	-20°C - +50°C (Humidity max. 95% non condensing)			
STORAGE TEMPERATURE	-40°C - +80°C (Humidity max. 95% non condensing)			
COOLING	Variable speed fan controlled by °C and load			
PROTECTION	Short-circuit, overload, high °C, low battery voltage			
INDICATIONS	Power on, error & ASB** mode			
DC INPUT CONNECTIONS (ALL 1.5M LENGTH)	2 x 4.0mm²	2 x 10mm²	2 x 4.0mm²	2 x 10mm²
AC OUTPUT CONNECTIONS	Euro Shucko (UK Adaptor Supplied)			
DIMENSIONS (lwxhxh)	184x98x130	228x113x163	184x98x130	228x113x163
PROTECTION CLASS	All Units IP20			
STANDARDS	CE Mark meeting EMC Directive 2004/1008/EC & LVD 2006/95/EC complying with EN60335-1, e4-95/54/EC, RoHS 2002/95/EC			
WEIGHT (KG)	3.5Kg	6.2Kg	3.5Kg	6.2Kg

*Continuous at 25°C ambient. Reduces by 1.2%/°C starting from 25°C

** Automatic Standby

Dimensions (mm): 30-1006 & 30-1008:



Dimensions (mm): 30-1010 & 30-1012:

