

Phoenix Inverter	12 Volt	12/1200
	24 Volt	24/1200
	48 Volt	48/1200
Cont. power at 25°C (1)		1200 VA
Cont. power at 25°C / 40°C		1000 / 900 W
Peak power		2400 W
Output AC voltage / frequency (adjustable)		230 VAC or 120 VAC +/- 3% 50Hz or 60Hz +/- 0,1%
Input voltage range		9,2 - 17 / 18,4 - 34,0 / 36,8 - 62,0 VDC
Low battery shut down (adjustable)		9,3 / 18,6 / 37,2 VDC
Low battery restart & alarm (adjustable)		10,9 / 21,8 / 43,6 VDC
Battery charged detect (adjustable)		14,0 / 28,0 / 56,0 VDC
Max. efficiency		92 / 94 / 94 %
Zero-load power		8 / 9,5 / 10 W
Default zero-load power in ECO mode (default search interval: 2,5 s, adjustable)		1 / 1,7 / 2,7 W
ECO mode stop and start power setting		Adjustable
Protection (2)		a – f
Operating temperature range		-40 to +60°C (fan assisted cooling) (derate 1,25% per °C above 40°C)
Humidity (non-condensing)		max 95%
ENCLOSURE		
Material & Colour	Steel chassis and plastic cover (blue Ral 5012)	
Battery-connection	Screw terminals	
Maximum cable cross-section	35/25/25mm ² / AWG2/4/4	
Standard AC outlets	230V: Schuko (CEE 7/4), IEC-320 (male plug included) UK (BS 1363), AU/NZ (AS/NZS 3112) 120V: Nema5-15R	
Protection category	IP 21	
Weight	7,7 kg/17 lbs	
Dimensions (hxwx d, mm) (hxwx d, inch)	117x232x327 4,6x9,1x12,9 (12V model: 117x232x367)	
ACCESSORIES		
Remote on-off	Yes	
Automatic transfer switch	Filax or Multi	
STANDARDS		
Safety	EN/IEC 60335-1 / EN/IEC 62109-1	
EMC	EN 55014-1 / EN 55014-2 IEC 61000-6-1 / IEC 61000-6-3	
Automotive Directive	ECE R10-4 EN 50498	
1) Nonlinear load, crest factor 3:1		
2) Protection key:		
a) output short circuit		
b) overload		
c) battery voltage too high		
d) battery voltage too low		
e) temperature too high		
f) DC ripple too high		