



# ENERPOWER S.R.L.

UFFICIO E DEPOSITO 20900 MONZA (MB) Via U. Boccioni n.7

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CF e P.IVA 03172330965 N.Registro PILE IT11030P00002515

N. REA MB- 1652616 - Registro A.E.E. n. IT1007100002 CODICE UNIVOCO SUBM70N

[www.enerpowersrl.com](http://www.enerpowersrl.com)

3000W MPPT inverter with multi functions

## FEATURES

- \* Pure sine wave output (THD<5%)
- \* Surge power capability up to 6000w
- \* Complete LED indication for operating status
- \* Solar charging current 20A
- \* Fast transfer time 10ms
- \* 1.5 year global warranty
- \* Selectable UPS or Energy saving mode
- \* 3000W rated output
- \* High efficiency up to 90%
- \* Full digital controller
- \* AC battery charger current 20A
- \* Three stage charge ways

Model		112	124	148	212	224	248
INVERTER	RATED PPOWER	3000W					
	SURGE POWER	6000W					
	AC VOLTAGE	110V			230V		
	FREQUENCY	60±1Hz			50±1Hz		
	WAVEFORM	Pure sine wave inverter (THD<5%)					
	AC REGULATION	10%					
	BAT.VOLTAGE	12V	24V	48V	12V	24V	48V
	VOLTAGE RANGE	10.5-15V	21-30V	42-60V	10.5-15V	21-30V	42-60V
	NO LOAD CURRENT DRAW	1.2A	0.6A	0.3A	1.2A	0.6A	0.3A
	EFFICIENCY	87%	88%	89%	88%	89%	90%
AC CHARGER	CHAGER CURRENT	20A	10A	5A	20A	10A	5A
	INPUT VOLTAGE RANGE	80-130VAC			170-260VAC		
	OUTPUT VOLTAGE	12V	24V	48V	12V	24V	48V
MPPT SOLAR CHARGER	MPPT CHARGER EFFICIENCY	97%			97%		
	INPUT VOLTAGE RANGE	15-70V	24-70V	48-70V	15-70V	24-70V	48-70V
	OUTPUT VOLTAGE	12V	24V	48V	12V	24V	48V
	SOLAR CHARGER CURRENT	20A Max					
PROTECTIONS	BAT.LOW ALARM(VDC)	10.8±0.2	21.6±0.4	43.2±0.8	10.8±0.2	21.6±0.4	43.2±0.8
	BAT.LOW SHUTDOWN	10.2±0.2	20.4±0.4	40.8±0.8	10.2±0.2	20.4±0.4	40.8±0.8
	BAT.OVER SHUTDOWN	15.5±0.2	31±0.4	62±0.8	15.5±0.2	31±0.4	62±0.8
	BAT.REVERSE POLARITY	FUSE					
	OUTPUT OVER LOADS	120%rated power(shut down output voltage re-power on to recovery)					
	OUTPUT OVER TEMP	75°C(Shut down output voltage.re-power on to recovery)					
OUTPUT SHORT	shut down output voltage						
ENVIRONMENT	WORKING TEMP	0-+40°C@100% load; 60°C@50% load					
	WORKING HUMIDITY	20%-90% RH non-condensing					
	SHORTAGE TEMP	-30~70°C					
SAFETY	CERTIFICATION	EMC LVD ROHS					
OTHERS	DIMENSION	410*220*150MM					
	PACKING	550*350*260MM,1PCS/CTN,12KGS					