

Off-Grid Inverter

Pure Sine Wave Inverter

EGE-PSW- 800-1500P



Key Features



- DC to AC power inverter
- New compact and lightweight design with load based fan and USB port
- Less than 2 KG weight compared to the competition's heavy and bulky inverter
- 800W-1500W continuous power
- Pure sine wave load based fan – only runs when an inverter senses a load
- Single AC receptical – USB Port
- On/off switch
- AC output short circuit protection
- Adopt advanced CPU intelligent control



TECHNICAL PARAMETERS

Model No. EGE-PSW-800P

INPUT

DC voltage	12 V	24 V	48 V
Voltage range	10-15.5VDC	20-30VDC	40-60VDC
No load current draw	0.6A	0.3A	0.2A
Efficiency	> 90%		

OUTPUT

AC voltage	100/110/120VAC or 220/230/240 VAC		
Continuous power	800W		
Surge power	1600W		
Waveform	Pure sine wave		
Frequency	50Hz or 60Hz		
USB Output	5VDC 1A		
AC regulation	3%		

PROTECTION

Low voltage alarm	10.5DC±0.5V	21DC±0.5V	42VDC±1V
Low voltage shut down	10DC±0.5V	20DC±0.5V	40VDC±1V
Short circuit	Shut off output automatically		
Over load	Shut off output		
Over voltage shut down	15.5±1V	30±1V	60±2V
Over thermal	Shut off output automatically		

ENVIRONMENT

Working temperature	-10°C and +50°C
Working humidity	20%~90%RH
Storage temperature	-30°C ~ +70°C

PACKAGE

Machine size(L*W*H)	300*189*80.5 mm
Net weight	1.97 KG
Gross weight	2.45 KG
Packing size	410*225*140 mm
Package quantity	4 pcs
Outer packing size	480*430*310 mm

TECHNICAL PARAMETERS

Model No. EGE-PSW-1000P

INPUT

DC voltage	12 V	24 V	48 V
Voltage range	10-15.5VDC	20-30VDC	40-60VDC
No load current draw	0.6A	0.3A	0.2A
Efficiency	> 90%		

OUTPUT

AC voltage	100/110/120VAC or 220/230/240 VAC		
Continuous power	1000W		
Surge power	2000W		
Waveform	Pure sine wave		
Frequency	50Hz or 60Hz		
USB Output	5VDC 1A		
AC regulation	3%		

PROTECTION

Low voltage alarm	10.5DC±0.5V	21DC±0.5V	42VDC±1V
Low voltage shut down	10DC±0.5V	20DC±0.5V	40VDC±1V
Short circuit	Shut off output automatically		
Over load	Shut off output		
Over voltage shut down	15.5±1V	30±1V	60±2V
Over thermal	Shut off output automatically		

ENVIRONMENT

Working temperature	-10°C and +50°C
Working humidity	20%~90%RH
Storage temperature	-30°C ~ +70°C

PACKAGE

Machine size(L*W*H)	322*189*80.5 mm
Net weight	2.4 KG
Gross weight	2.9 KG
Packing size	410*225*140 mm
Package quantity	4 pcs
Outer packing size	480*430*310 mm

TECHNICAL PARAMETERS

Model No. EGE-PSW-1200P

INPUT

DC voltage	12 V	24 V	48 V
Voltage range	10-15.5VDC	20-30VDC	40-60VDC
No load current draw	0.6A	0.3A	0.2A
Efficiency	> 90%		

OUTPUT

AC voltage	100/110/120VAC or 220/230/240 VAC		
Continuous power	1200W		
Surge power	2400W		
Waveform	Pure sine wave		
Frequency	50Hz or 60Hz		
USB Output	5VDC 1A		
AC regulation	3%		

PROTECTION

Low voltage alarm	10.5DC±0.5V	21DC±0.5V	42VDC±1V
Low voltage shut down	10DC±0.5V	20DC±0.5V	40VDC±1V
Short circuit	Shut off output automatically		
Over load	Shut off output		
Over voltage shut down	15.5±1V	30±1V	60±2V
Over thermal	Shut off output automatically		

ENVIRONMENT

Working temperature	-10°C and +50°C
Working humidity	20%~90%RH
Storage temperature	-30°C ~ +70°C

PACKAGE

Machine size(L*W*H)	322*189*80.5 mm
Net weight	2.4 KG
Gross weight	2.9 KG
Packing size	410*225*140 mm
Package quantity	4 pcs
Outer packing size	480*430*310 mm

TECHNICAL PARAMETERS

Model No. EGE-PSW-1500P

INPUT

DC voltage	12 V	24 V	48 V
Voltage range	10-15.5VDC	20-30VDC	40-60VDC
No load current draw	0.6A	0.35A	0.2A
Efficiency	> 90%		

OUTPUT

AC voltage	100/110/120VAC or 220/230/240 VAC		
Continuous power	1500W		
Surge power	3000W		
Waveform	Pure sine wave		
Frequency	50Hz or 60Hz		
USB Output	5VDC 1A		
AC regulation	3%		

PROTECTION

Low voltage alarm	10.5DC±0.5V	21DC±0.5V	42VDC±1V
Low voltage shut down	10DC±0.5V	20DC±0.5V	40VDC±1V
Short circuit	Shut off output automatically		
Over load	Shut off output		
Over voltage shut down	15.5±1V	30±1V	60±2V
Over thermal	Shut off output automatically		

ENVIRONMENT

Working temperature	-10°C and +50°C
Working humidity	20%~90%RH
Storage temperature	-30°C ~ +70°C

PACKAGE

Machine size(L*W*H)	347*189*80.5 mm
Net weight	2.7 KG
Gross weight	3.35 KG
Packing size	435*225*140 mm
Package quantity	4 pcs
Outer packing size	480*450*310 mm