

Off-Grid Inverter

Pure Sine Wave Inverter

EGE-PSW- 300-700P



Key Features



- DC to AC power inverter
- New compact and lightweight design with load based fan and USB port
- Less than 1 KG weight compared to the competition's heavy and bulky inverter
- 300W-700W 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-300P

INPUT

DC voltage	12 V	24 V	48 V
Voltage range	10-15.5VDC	20-30VDC	40-60VDC
No load current draw	0.5A	0.35A	0.2A
Efficiency	> 90%		

OUTPUT

AC voltage	100/110/120VAC or 220/230/240 VAC		
Continuous power	300W		
Surge power	600W		
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)	200*142*65 mm
Net weight	0.81 KG
Gross weight	1.08 KG
Packing size	250*170*110 mm
Package quantity	10 pcs
Outer packing size	600*270*370 mm

TECHNICAL PARAMETERS

Model No. EGE-PSW-500P

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	500W		
Surge power	1000W		
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)	230*142*65 mm
Net weight	1.01 KG
Gross weight	1.28 KG
Packing size	280*170*110 mm
Package quantity	10 pcs
Outer packing size	600*300*370 mm

TECHNICAL PARAMETERS

Model No. EGE-PSW-600P

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	600W		
Surge power	1200W		
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)	230*142*65 mm
Net weight	1.01 KG
Gross weight	1.28 KG
Packing size	280*170*110 mm
Package quantity	10 pcs
Outer packing size	600*300*370 mm

TECHNICAL PARAMETERS

Model No. EGE-PSW-700P

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	700W		
Surge power	1400W		
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)	262*142*65 mm
Net weight	1.16 KG
Gross weight	1.49 KG
Packing size	310*170*110 mm
Package quantity	6 pcs
Outer packing size	540*330*250 mm