

POWERSUPPLIES

MSW-300, DC to AC inverter, 300W with soft start and modified sine wave



- USB output 5V / 0.5A
- Modified sine wave output
- Overload and short circuit protection
- Soft start

Technical data:

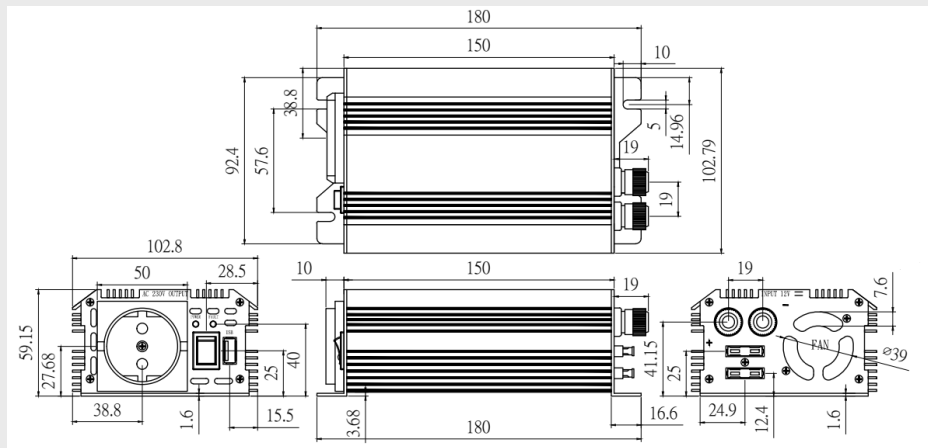
Input:

Input voltage: 12VDC or 24VDC
 Tolerance: 11-15VDC or 21-30VDC
 Current consumption at no load: 0.45A at 12V and 0.25A at 24V

Output:

Output voltage: 230VAC/50Hz modified sine wave
 Regulation: $\pm 10\%$
 Output power nominal: 300W continuous
 Output power peak: 750W for 200ms
 Efficiency: $>85\%$
 Protection: Overload, short circuit and polarity protection (fuse)
 Temperature protection: Shutdown at 60°C ($\pm 10^{\circ}\text{C}$)
 High battery voltage: Shutdown at 15V alt 31V, ($\pm 1\text{V}$)
 Low battery voltage: Alarm at 10.5V ($\pm 0.5\text{V}$) or 21V ($\pm 1\text{V}$)
 Shutdown at 9.5V ($\pm 0.5\text{V}$) or 19V ($\pm 1\text{V}$)
 Fuse: 35A@12V (1pc) / 20A@24V (1pc)
 Temperature range: -15°C - $+50^{\circ}\text{C}$
 Cooling: Fan inside
 Size: 180x103x59 mm
 Weight: 940g
 Safety approval: CE/LVD acc.t EN60950

Mechanical drawing:



Ordering information

Type	Input voltage	Power	Output voltage
PC 10421046 / 12-230	12VDC	300W	230VAC
PC 10421047 / 24-230	24VDC	300W	230VAC