

POWERSUPPLIES

MSW-600, DC to AC inverter, 600W 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:

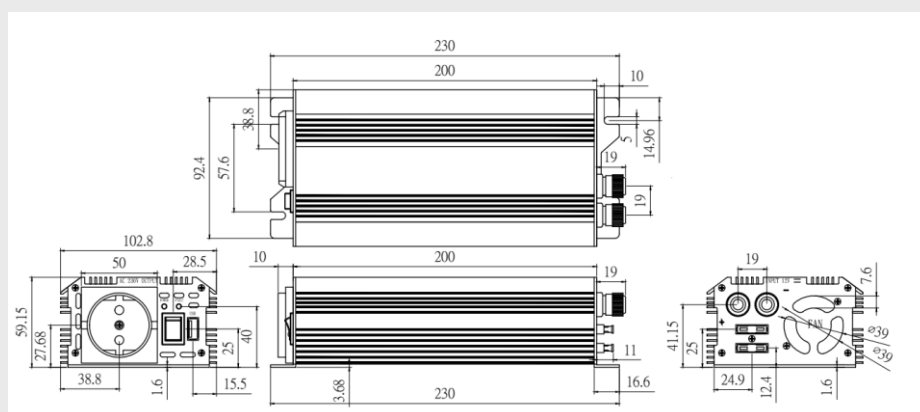
Input:

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: 600W continuous
Output power peak: 1200W 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 or 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: 40A@12V (2pcs) / 20A@24V (2pcs)
Temperature range: -15°C - $+50^{\circ}\text{C}$
Cooling: Fan inside
Size: 230x103x59 mm
Weight: 1250g
Safety approval: CE/LVD acc.to EN60950

Mechanical drawing:



Ordering information:

Type	Input voltage	Power	Output voltage
MSW-600/12-230	12VDC	600W	230VAC
MSW-600/24-230	24VDC	600W	230VAC