

WATT POWER SOLUTIONS

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DC Auto Adapter WPPS07212 for use with the WPPS55 Mini-ATX Power Supplies

Input Voltage Range 11 to 16v DC

Input Current
No Load 11V 40mA
Full Load 11V 8A
No Load 16V 30mA
Full Load 16V 5.25

Efficiency
82% Full Load at 11vDC
84% Full Load at 16VDC

Start-up Time 200mS max

Output Voltage
No load 12.3V min 12.6V max
Full load 11.7V min 12.0V max

Output lower 72W or 6A

Ripple and Noise
260mV peak to peak 11VDC input at Full Load 20MHz Bandwidth
160mV peak to peak 16VDC input at Full Load 20 MHz Bandwidth

Protection

Under-voltage Shutdown	The unit will shutdown with a full load	9.70V min	10.25V max
Over-voltage Shutdown	The unit will shutdown with a full load	33V min	34V max
Output Current Limit Shutdown	The unit will shutdown with full load at	6.5A min	7.5A max
Thermal Shutdown	Auto Restart Time	9 secs min	11 secs max
Reverse Input	Fuse will blow	84degC	

Environmental

Ambient Temperature	Operating -20degC to 35degC	Storage -40degC to 85degC
Relative Humidity	95% non-condensing	

Mechanical

137 x 63.5 x 31.75mm L x W x H Weight 625g Without cables
LED indicator on Auto Plug and LED indicator on the Adapter

Approvals

e-Mark, CSA, VDE, CE

Warranty

3 years

Safety

The Adapter is protected against spikes and power surges, which may occur in the electrical system.

The Adapter will operate when plugged into the car while the car is running.

Do not jump-start the car with the adapter plugged in! This may cause extremely high voltage spikes and turn the adapter off. Remove the plug and allow 10 seconds for the adapter to reset.

Do not operate the adapter with a lighter plug splitter or extender cable. It could cause the cigar lighter to overheat.

It is normal for the adapter to become warm and is not harmful to it. **Do not place the adapter in a glove compartment** where the airflow around it is restricted. This could cause thermal shutdown and will have to be cooled down for the unit to operate correctly.

