

WATT POWER SOLUTIONS

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DC Auto Adapter WPPS07212A

for use with the WPPS55 Mini-ATX Power Supplies

Input Voltage Range 12 to 32v DC

Input Current

No Load	12V	30mA
Full Load	12V	7.15A
No Load	32V	35mA
Full Load	32V	2.85

Efficiency

84%	Full Load at 12vDC
82%	Full Load at 32VDC

Start-up Time 200mS max

Output Voltage

No load	12.2V min	12.7V max
Full load	11.7V min	12.2V max

Output Power 72W or 6A

Ripple and Noise

295mV peak to peak	12VDC input at Full Load	20MHz Bandwidth
145mV peak to peak	32VDC input at Full Load	20 MHz Bandwidth

Protection

Under-voltage Shutdown	The unit will shutdown with a full load	9.75V 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
Auto Restart Time		9 secs min	11 secs max
Thermal Shutdown		84degC	
Reverse Input	Fuse will blow		

Environmental

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

Mechanical 137 x 76.2 x 25.4mm L x W x H Weight 812g 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.

