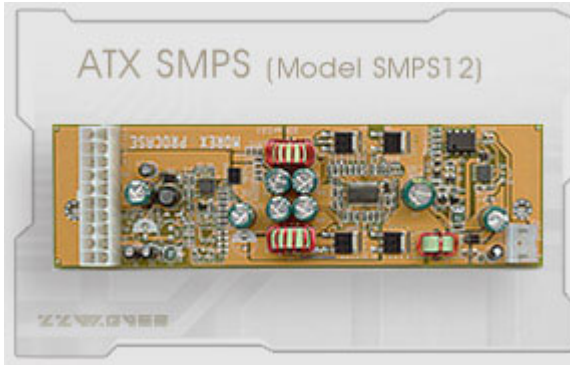


Compact ATX SMPS



Dimensions: 160x45mm | Height: 15mm approx.

Compact ATX SMPS consist of DC-DC converter board along with AC adapter and connectors. Its out put voltages are same as standard ATX computer SMPS but maximum output wattage is limited to 60W instead of standard 240W/300W. Hence this can replace bulky, heat generating ATX SMPS for systems where less power is required e.g Thin clients, Mini-ITX boards, Single Board computers, PC/104 systems etc.

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If you are developing some computerized embedded system or compact PC you may find standard ATX SMPS very problematic due to its size, fans and heat. Also you may not need 240W in your system. Also large transformers in the SMPS may not allow you to place components nearby the SMPS. In this situation you can explore Compact ATX SMPS with external AC adapter.

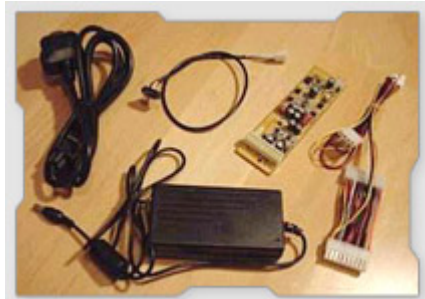
In many projects you may not need full ATX power supply but your system may require 12VDC, -12VDC, 5VDC, 3.3VDC etc. or even few other voltages available in ATX power supply. In this case also you can use our compact ATX SMPS. You may have some other SMPS available at lower cost like with combination of 12VDC and 5VDC but you may not find them as compact and low heat generating as ours and may choose this over others due to its quality and features.

Due to external AC adapter the DC-DC converter which goes inside you product is very compact and does not generate much heat and allows you to develop compact and reliable products. You can even develop fanless systems with this but it is not recommended unless your system design has considered heat exit problems.

Technical Specifications

Dimensions (mm)	160 x 45					
Input Voltage Required (V)	11.4V ~ 12.6V					
Maximum Output (W)	62.4					
Output Voltage	V	5VSB	+3.3V	+5V	+12V	-12V
Current	A	1.5	4.0	4.5	1.5	0.1
Power Output	W	7.5	13.2	22.5	18.0	1.2
Peak Current	A	2.0	8.0	8.0	2.0	0.2

Power Kits for Mini-ITX Motherboards



Power Kits for Mini-ITX Motherboards

- DC-DC Converter (Version 2.0.1) & DC Jack
- Cable AC Adapter & Power Cord (100~240 V input/DC 12 V, 4.58A output)
- ATX connector with cable (DC-DC converter to motherboard, Hard Drive, CD-ROM, Floppy)

Remarks:

- The Input Voltage is strictly required between 11.4V~12.6V.
- Using AC Adapters provided or approved by Morex is strongly recommended.
- Using Fanless chassis is not suggested.