



9.95 EUR  
incl. 19% VAT, plus [shipping](#)

- Tiny size !!!



Remnant offer. Refurbished. Slight or no traces of usage on device. 2 years warranty.

- 120 watts

- Dimensions : 31 x 44 x 21 mm
- Power Input : 12VDC (11.5-13.0VDC)
- Power connectors : 1x Floppy, 1x SATA, 1x 3.5" HDD

Introducing picoPSU-120, world's tiniest 12V DC-DC ATX power supply unit (PSU)

**Compact design, less cables.** The picoPSU-120 is the smallest snap-in 12V ATX dc-dc power supply. The picoPSU is compatible with an entire range of mini-itx motherboards as well as regular boards. The picoPSU-120 provides a cool, silent 120 Watts of power for small PC designs using a single 12V power source.

By using Patent Pending HyperWatt[™] technologies , picoPSU-120 packs an impressive amount of power relative with its very small footprint. PicoPSU-120 has several key advantages over traditional power supplies:

- Very small, can build ultra-compact PC enclosures and slim server enclosures.
- Fits any motherboard equipped with a 20 or 24pin ATX connector.
- 100% silent, fanless, no moving parts.
- Operates at only 12V.
- Highly efficient design, does not produce a lot of heat.
- Ideal for low power Intel Core Duo as well as all VIA C3/C7 motherboards.

Small computer projects start with small power supplies. PicoPSU-120 is a crucial key component that unleashes the ultimate power solution for general purpose computing platforms. PicoPSU-120 is fully ATX compliant PSU, making it an excellent candidate for any silent, fanless and small 12V DC-DC ATX PC power supply project.

**Reduce space.** Eliminate 20 unnecessary wires by plugging in directly into the motherboard ATX connector. The picoPSU-120 12V dc-dc ATX converter was designed from ground up to fit small form factor ATX boards, allowing enclosure designers to save space while not compromising power requirements.

**Cool power.** Operating at only 12V, the picoPSU-120 dc-dc ATX power supply delivers 120 Watts of power. picoPSU provides plenty of power (via ATX connector and HDD cable harness) for CPU and an entire range of peripherals.

**100% Silent** The picoPSU-120 mini PSU is a 100% silent fanless dc to dc solution. No fans, no noise, just power for small and silent PCs.

picoPSU-120 is a fully compliant DC-DC ATX PC PSU. It can power VIA mini-ITX boards with C3 or C7 processors, P3, P4, Pentium-M, Core Duo Mobile or Desktop versions and low power AMD processors.

picoPSU-120 ATX DC-DC converter is very small, measuring just 31x45x20mm, about the size of two AA batteries, picoPSU-120 is also 1U ServerRack compliant.

CE / FCC / VCCI Certifications: EN55024, EN55022 Class B (CE certification), Australia / New Zealand (using CISPR 22, EN55022), Japan (VCCI: using CISPR 22, ANSI C63.4), United States (FCC Part 15, Subpart B, Class B), Canada (ICES-003 using CISPR 22, ANSI C63.4).

**Note :** picoPSU-120 is not intended for being powered directly from a car battery. Instead you can take M3-ATX (same size) or M1-ATX, M2-ATX(-HV), M4-ATX.

Reason : Car battery gives out 9-18VDC, but PicoPSU can only handle 12V +-10% !

|                         |                      |                              |                      |
|-------------------------|----------------------|------------------------------|----------------------|
| <b>Power connectors</b> | 1x 5.25" connector   | <b>Dimensions</b>            | 31 x 44 x 21 mm (1U) |
|                         | 1x 3.5" connector    |                              |                      |
|                         | 1x SATA              |                              |                      |
| <b>DC-connector</b>     | 2,5 x 5,5 x 10 mm    | <b>Operating temperature</b> | - 20° C to + 85° C   |
| <b>Weight</b>           | 57 g                 | <b>Efficiency</b>            | 95%                  |
|                         | (27g without cables) |                              |                      |

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|                 |              |             |                |
|-----------------|--------------|-------------|----------------|
| <b>5V</b>       | 6A Max Load  | <b>5VSV</b> | 1.5A Max Load  |
|                 | 8A Peak Load |             | 2A Peak Load   |
| <b>3.3V</b>     | 6A Max Load  | <b>12V</b>  | 7A Max Load    |
|                 | 8A Peak Load |             | 10A Peak Load  |
| <b>Max Load</b> | 120W         | <b>-12V</b> | 0.05A Max Load |
|                 |              |             | 0.1A Peak Load |

**Scope of supply:** - picoPSU-120 ATX power supply

(12V AC/DC Adapter not included ! Available in our shop)

eg. 120W Adapter (230V AC)