58.00 EUR
incl. 19% VAT, plus shipping

- ATX, 6-24V input range
- Shutdown controller
- Survives engine cranks
- Travla Form Factor !

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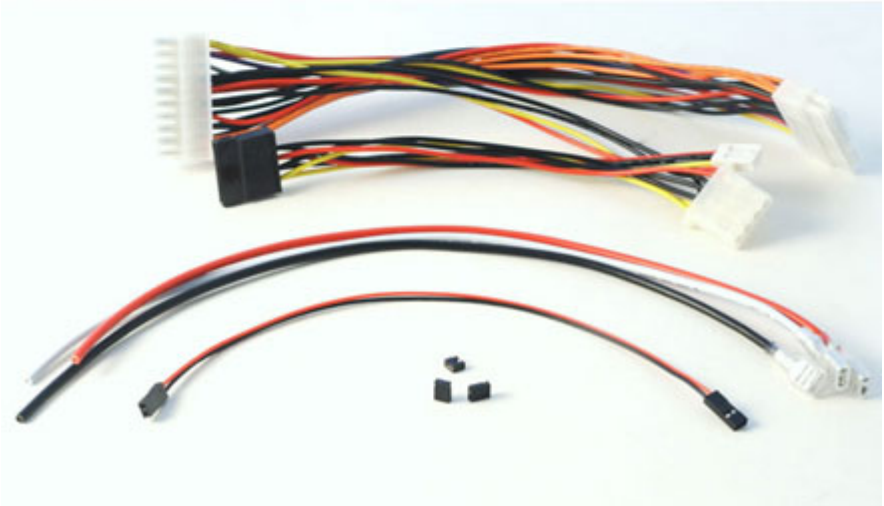

Support: Manual [DE] (V1.4) | Manual [EN] (V1.4) | Manual [FR] (V1.0) | Source-Code (V1.0) | UPS Functionality | Long Life

M1-ATX is an intelligent vehicle ATX power supply. Designed to provide power and to control the ON/OFF switch of a motherboard based on ignition status, M1-ATX is a wide input (6-24V) ATX power supply capable of surviving tough engine cranks (down to 5.7V) as well as transient over-voltage situations.

M1-ATX has 8 user selectable microcontroller driven timing modes, allowing you to choose up to 8 ignition/shutdown timing schemes. By removing all user-selectable jumpers, M1-ATX becomes a traditional PSU with no ignition control and it can be used in non-vehicle applications.

Even if your computer is totally OFF, a PC will still consume few hundered milliwatts, needed to monitor PC ON/OFF status. When the computer is in the suspend/sleep mode, it will consume even more power, because the RAM needs to be powered at all times. The power consumption in the suspend mode is few watts. No matter how big your battery is, it will eventually drain your battery in a matter of days.

While in deep sleep mode, M1-ATX constantly monitors your car battery voltage levels, preventing deep discharge situations by automatically shutting down until battery levels reach safe levels again.

No more dead batteries, no more computer resets during engine cranks, along with multiple timing schemes, small formfactor and very competitive price makes the M1-ATX the premier solution for ATX vehicle power supply solutions.

M1-ATX comes equipped with ATX, HDD and Floppy cable harness, jumpers, faston connectors and 2 pin cables for motherboard ON/OFF switch. Just connect it to your 12V or 24V car / boat / RV battery and power up your PC.

Working from 8V Power input (6V for short time) !

M1-ATX is formfactor compatible with all Morex cases and eg. Travla C134/C150 enclosures.

Dimensions : 160 x 45 mm

Scope of supply:
- M1-ATX board
- ATX-connector cable with drive power connectors
- Cable for Mainboard (Remote-PowerOn)
- 3x cables for Plus, Ignition Plus, Ground (Minus)
- 1x Jumper

New with Firmware Version 1.4 (since 06.06.2008)
- AutoLatch-Function :
AutoLatch is active during the fist 60s of PC operation (and only during the first 60 seconds). For example, If Ignition is turned ON and then OFF right away, M1-ATX will latch Ignition in ON position for the next 60 seconds, allowing your operating system to fully come up. This will prevent disk drive corruption or systems that remain hung in the ON position. After the first 60 seconds of system operation, the AutoLatch feature will be removed and system will shut down at as governed by the “Off-delay” setting

- More timing schemes :
0001 10 minutess / 1 hour
1001 15 minutes / 2 hours
0101 1 hour / 1 hour 15 minutes

- UPS-Mode (see PDF file for more informations)

Note : M1-ATX is not compatible with Intel Atom based systems. Therefor please use M2-ATX, M3-ATX or M4-ATX power supplies instead.