

PIENERGY-MINI AUTOSTART VERSION

Wide range power supply for Raspberry Pi



With the PiEnergy-Mini, you can operate your Raspberry Pi with a voltage of 6 to 36 V DC. you can use the button integrated on the board to both power up and power down your Raspberry Pi.

Communication with the Raspberry Pi is via GPIO4, but this connection can also be severed by removing a resistor in order to use the pin freely. Thanks to the ultra-flat design, it can also be used in conjunction with many housings. The pin header is included and not soldered on to keep the design even flatter.

This version has a specially customised autostart firmware that starts the Raspberry Pi immediately when a voltage is applied.



MAIN FEATURES

Model	PiEnergy-Mini Autostart version
Special features	Ultra-flat design, Integrated button to start up and shut down the Raspberry Pi, Autostart firmware
Compatible with	Raspberry Pi 3, 4, 5

FURTHER SPECIFICATION

Input voltage	6 V to 36 V
Output voltage	5,1 V
Output current	Up to 3 A (active ventilation recommended for additional- ly connected loads)
Cable cross-section at the voltage input	0.2 - 0.75 mm ²
Interface to the Raspberry Pi	GPIO4
Microcontroller	ATTINY5
Further connections	5V fan connection (2pin / 2.54mm) Solder pads for external on/off switch

FURTHER INFORMATION

Dimensions	23 x 56 x 11 mm
Weight	15 g
Scope of delivery	Board with mounted heat sink, pin header (2x5), spacer, screw, nut
Item number	RB-PE01-ASV
EAN	4250236830261
Customs tariff number	8473302000