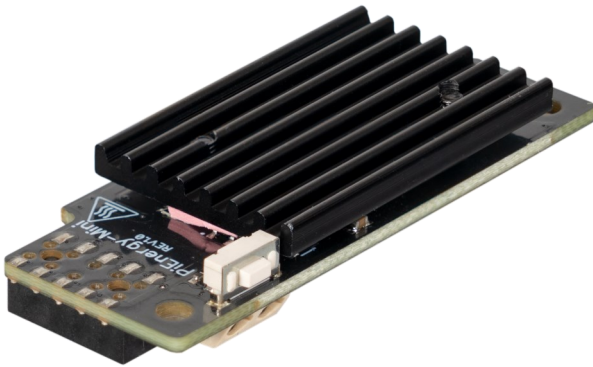


PI ENERGY-MINI

Widerange 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 cut by removing a resistor to use the pin freely. Thanks to the ultra-flat design, it can also be used in many housings. The pin header is included and not soldered on to keep the design even flatter.



MAIN FEATURES

Model	PiEnergy-Mini
Special feature	Ultra-flat design, integrated button for powering up and shutting down the Raspberry Pi
Compatible with	Raspberry Pi 3, 4, 5

TECHNICAL SPECIFICATION

Input voltage	6 to 36 V DC
Output voltage	5.1 V
Output current	Up to 3 A (active ventilation recommended for additionally connected loads)
Cable cross-section at the power input	0.2 - 0.75 mm ²
Interface to the Raspberry Pi	GPIO4
Microcontroller	ATTINY5
Further connections	5V fan connector (2pin / 2.54mm) Solder pads for external on/off switch

FURTHER DETAILS

Dimensions	23 x 56 x 11 mm
Weight	15 g
Items delivered	Board with mounted heat sink, pin header (2x5), spacer, screw, nut
Article No.	RB-PE01
EAN	4250236827421
Customs Tariff No.	8473302000