

Wall Power Adapter: 12VDC, 5A, 5.5×2.1mm Barrel Jack, Center-Positive



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Pololu item #: 1468 116 in stock

Brand: **Generic**

✓RoHS3

Price break	Unit price (US\$)
1	23.25
5	21.86
25	20.54

Quantity:

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This UL-listed **60 W** desktop-style switching power adapter supplies up to **5 A** at a regulated **12 VDC** from input voltages of 100 – 240 VAC. It includes a 1.5 m (5 ft) AC power cord terminated by a three-prong, US-style plug and has a 1.5 m (5 ft) DC power cord that is terminated by a center-positive, 5.5 × 2.1 mm barrel connector.

Alternatives available with variations in these parameter(s): voltage maximum output current
[Select variant...](#)

Description **Specs (2)** **Pictures (2)** Resources (0) FAQs (0) On the blog (0)

Details for item #1468

This UL-certified (file number [EPBU.E477038](#)), desktop-style AC-to-DC converter gives you an easy way to power your DC electronics project from a US-style AC electrical socket. It uses a switching regulator to efficiently output up to 5 A at a near-constant regulated 12 VDC, even when no load is applied. This power supply works with input voltages from 100 to 240 VAC (50 to 60 Hz), which makes it compatible with all standard international mains voltages and frequencies.



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The adapter includes a 1.5 m (5 ft), removable AC power cord that is terminated with a three-prong, US-style plug, and it has a non-removable 1.5 m (5 ft) DC power cable that is terminated with a center-positive, 5.5 × 2.1 mm barrel connector. The barrel connector works with the [DC power adapter barrel jack](#) and the [DC barrel jack to terminal block adapter](#). It also works with the barrel jack on many [Arduino](#) boards and our Arduino-compatible [A-Star 32U4 Prime controllers](#). This adapter has a green LED that indicates when it is receiving AC power/mains electricity.

Full selection of power adapters

We have wall power adapters available in a range of voltages and maximum output currents:

Product	Connector	Output voltage	Typical max output current	Wattage	Power brick?	Price
#1469	center-positive 5.5×2.1 barrel jack	5 V	1 A	5 W		\$6.95
#1461			3 A	15 W		\$11.95
#1462			5 A	25 W	✓	\$20.49
#1470		9 V	1 A	9 W		\$7.49
#1465			5 A	45 W	✓	\$21.95
#1471		12 V	1 A	12 W		\$7.95
#1774			3 A	36 W		\$14.95
#1468			5 A	60 W	✓	\$23.25
#1773	USB micro-B	5.15 V	2.5 A	12.9 W		\$9.95

People often buy this product together with:



[DC Power Adapter
Barrel Jack](#)

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[Female Crimp Pins
for 0.1" Housings
100-Pack](#)