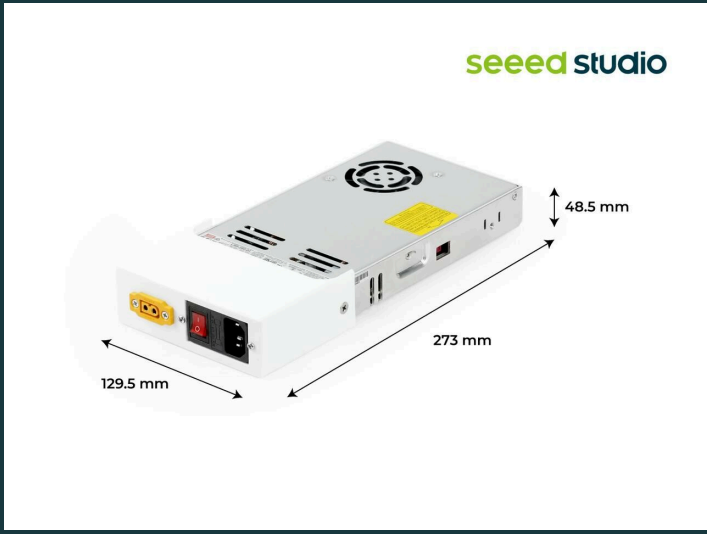
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INDUSTRIAL PRODUCT DATASHEET

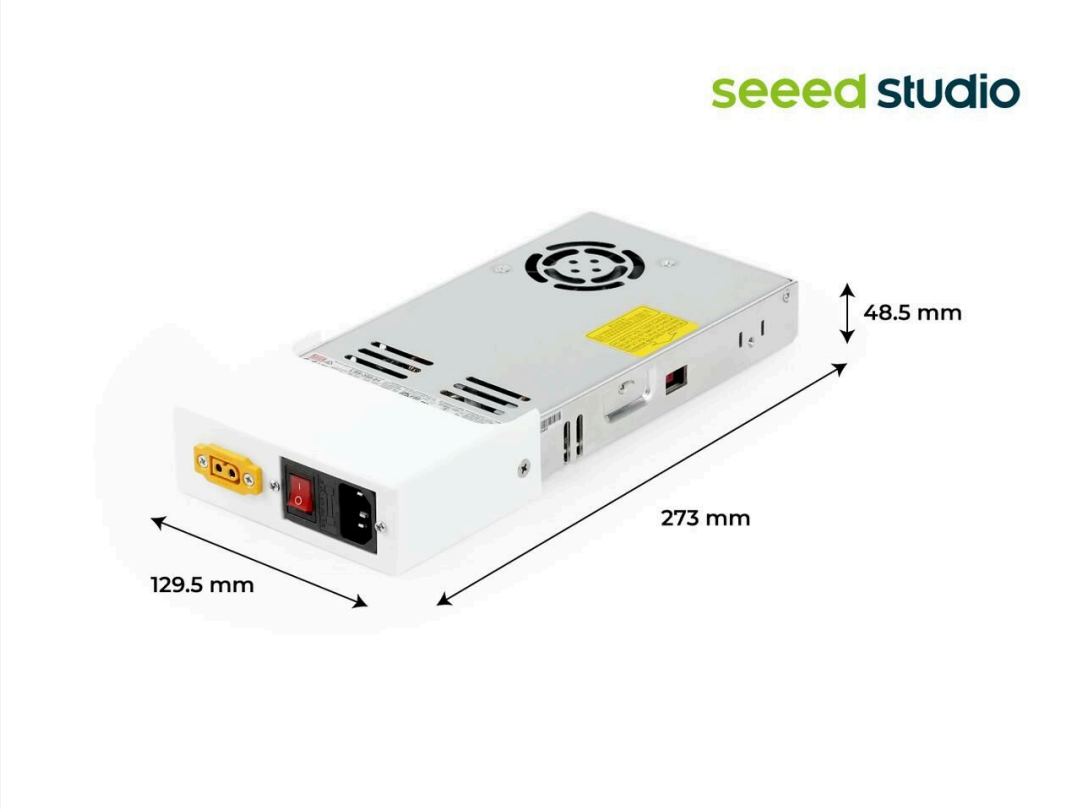
Power Adapter Kit for reBot Arm B601-DM

This is a 350W high-efficiency industrial-grade AC-DC switching power supply delivering a stable DC 24V, 14.6A output.

SKU	UPDATED	PRICE
100029903	2026-11-11 06:37:26	$59.00(Excl. VAT)



Overview



This is a 350W high-efficiency industrial-grade AC-DC switching power supply delivering a stable DC 24V, 14.6A output. It features a selectable input voltage switch for 115VAC or 230VAC (compatible with a wide range of 90–264VAC) and achieves a typical efficiency of up to 88%. Designed for robust performance, it includes comprehensive protection circuits against Short Circuit, Overload, Over Voltage, and Over Temperature. The integrated cooling fan features intelligent on/off control based on thermal load. Fully compliant with international safety standards including IEC/UL 62368-1 and CCC (GB4943.1), this unit is ideal for industrial automation, control systems, and electronic instrumentation. It boasts exceptional reliability with an MTBF ≥ 2,099,900 hours and supports universal US/CN/EU power cords.

Key Features

01 **High Efficiency Design — Typical efficiency up to 88% (24V model) with no-load power consumption <0.75W.**

02 **Wide Range Input — Selectable input voltage (90–132VAC / 180–264VAC) via switch; withstands 300VAC surge for up to 5 seconds.**

03 **Comprehensive Protections — Short Circuit, Overload (110–140% Hiccup mode, auto-recovery), Over Voltage (28.8–33.6V), and Over Temperature Protection.**

04 **Smart Cooling System —**

Built-in intelligent temperature-controlled fan; activates at ≥50°C and stops at ≤40°C to extend lifespan.

05 **Extreme Environment Ready — Operates reliably from -25°C to +70°C (full load) and up to 5000m altitude.**

06 **Low Noise Output — Ripple & Noise ≤ 150mVp-p (measured at 20MHz bandwidth).**

07 **Global Safety Certified — Complies with IEC/UL 62368-1, CCC (GB4943.1), BSMI, and EAC TP TC 004 standards.**

08 **Superior Reliability — MTBF ≥ 2,099,900 hours (calculated per Telcordia SR-332).**

09 **Anti-Vibration Design — Withstands 5G vibration (10–500Hz) for 60 minutes in each axis (X, Y, Z).**

Product Gallery











Resource Links

- https://www.seeedstudio.com/Power-Adapter-Kit-for-reBot-Arm-B601-DM-p-6874.html

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