

SS-30DV : Powerwerx 30 Amp Desktop DC Power Supply



Price: CAD \$239.00

SKU: PXSS30DV

Product Categories: [Battery Chargers](#), [DC-DC Converters](#), [Shop](#)

Product Tags: [14v](#), [ad to dc](#), [canada](#), [dc](#), [dc power supply](#), [powerwerx ss-30dv](#), [powerwerx ss-30dv canada](#), [regulated](#), [small desktop power supply](#), [ss-30dv canada](#), [ss-30dv power supply](#)

Product Page:

<https://www.modernoutpost.com/product/ss-30dv-powerwerx-30-amp-desktop-dc-power-supply/>

Product Summary

This is the compact SS-30DV, a 30 Amp Desktop DC Power Supply by Powerwerx designed for radio base stations, security applications, test equipment, and more. This small regulated switching power supply features 2 Powerpole outputs in front

and 1/4" binding posts in rear. Machined metal front bezel with illuminated power switch. DC output voltage 14.1V at 25A continuous, 30A surge. Small 6x5x2.5" footprint.

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The Powerwerx Switching Power Supply Model SS-30DV is designed to supply 25 Amps continuous and 30 Amps surge (up to 5 minutes) at 14.1 VDC. Loads can be connected to either the rear binding posts or the front Powerpole connectors. Any output may provide up to 30 Amps individually, and the total output is limited at 30 Amps.

SS-30DV Features - Front Connection: 2 sets of Powerpole connectors - Rear Connection: 1/4 inch binding posts that also accept banana plugs, 1/4 inch ring terminals or compression connections - Illuminated Power Switch

SS-30DV Specifications

Electrical specifications:

Input Range: 100-120 VAC or 200-240 VAC, 50/60Hz (Switchable) New!

- Output Voltage: 14.1 VDC fixed - Output Amperage: 25 continuous, 30 surge -
- Internal Protection: Thermal, over current - Internal Input Fuse: 6.3 Amps at 115 VAC - Ripple Peak-to-Peak Max. <100mVpp - Noise Peak-to-Peak Max. <100mVpp - Operating temperature rating: 0 - 50 °C - Storage temperature: -20 - 85 °C

Physical dimensions and materials:

- Weight: 3.0 lbs. (1.4kg) - Overall Dimensions: 6.1 x 5 x 2.5 in (154mm long, 127mm wide, 63mm tall) - Fan: Quiet internal cooling fan - Machined metal case front bezel **Certifications** - Meets FCC CFR Title 47 Part 15 Subpart B: Class B, CISPR: 2005 ANSI C63.4: 2003 - Meets CE/LVD (Low-Voltage Directive 2006/95/EC) standard - Meets EMC: EN 55022:2006+A1: 2007, 2010, EN 61000-3-2:2006 **Powerpole Configuration**

The Powerpole connectors mounted on the front panel conform to the RACES/ARES standard orientation.

Input Voltage Selection

The power supply is set up for 230V AC input as shipped from the factory. For 115V AC applications, set the recessed 115/230 input select switch located on the rear of the power supply into the proper position. Positions are identified on the switch. Use a small screwdriver to slide the switch into position. No adjustment is necessary for either 50 or 60 Hz input.

Applications for the SS-30DV Power Supply

- Land mobile radio base stations - Communications systems - Security systems - Automotive & marine systems - OEM applications - Test equipment - Electronic displays - 12 Volt lighting systems - GPS receivers - DC computers

Package Contents - Power Supply - AC Power Cord, 4 ft.

SS-30DV Installation Instructions - Unplug the power supply from the mains supply outlet. - Select the correct input voltage (See Input Voltage Selection). - Connect the power cable's positive (red) wire to the positive terminal and connect the negative (black) wire to the negative terminal on the back of the power supply or use the Powerpole connectors mounted on the front panel. - Plug the power cable into the power socket on the back of the radio. - Plug the power supply into the mains supply outlet. **Turning the power supply on**

Turn the power supply on by pressing the power switch to the 'ON' Position.

Turning the power supply off

Before you turn the power supply off, turn the radio off as described in the user

documentation for the radio. Then turn the power supply off by pressing the power switch to the 'OFF' Position.

Cooling

The SS-30DV power supply is cooled by convection and forced air cooling (normal airflow around the power supply in combination with a temperature controlled fan to improve cooling at higher levels of use). The fan is activated by a sensor when the temperature rises above 70°C.

SS-30DV Warranty

The Powerwerx support policy is simple: we want you to be happy! If you have a problem, please feel free to contact us and we will do our best to get you up and running as soon as possible.

The SS-30DV has a **three-year limited warranty**. We will repair or replace (at our discretion) your SS-30DV if you encounter any problems within three years from the date of purchase. We reserve the right to charge a reasonable fee for repairing units with user-inflicted damage. It is your responsibility to ship the defective unit back to Powerwerx. We will pay for the return shipping back to you. We reserve the right to upgrade your equipment to an equivalent or better model

Product Attributes

- Dimensions: 16 × 13 × 7 cm
- Weight: 1.39 kg

Product Gallery

