

IOTA Engineering DLS-27-40-IQ4

40A, 24 Volt Out, 108-132 VAC In, AC/DC Battery Charger

Rating: Not Rated Yet

24 h

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Manufacturer [IOTA Engineering](#)

Description

The **DLS-27-40** Power Converter/Battery Charger from IOTA Engineering converts nominal 108-132 AC voltage to 27.2 DC voltage for both DC load operation and 24V battery charging.

As a **power supply**, the unit's tightly controlled regulation allows the user to operate a nominal 24VDC load up to 40 amps.

As a **battery charger**, the unit will maintain the battery, delivering its full-rated current when the battery capacity falls sufficiently low. The voltage is set to deliver its maximum current for the necessary period of time to minimize undue stress to the battery caused by heating of its cells. This helps to ensure the longest possible life of the battery. Over time, as the battery nears its full capacity, the **DLS-27-40** will automatically drop the current, providing a float-charge to the battery to prevent self-discharge of the cells.