

Power Center

Stratus™ Series



Operation

The Stratus™ Power Center is a 35Ah battery housed in a compact and rugged polypropylene copolymer transportable case for power support of the Stratus Repeater. The Power Center provides a 12VDC power source that is charged by a 15VDC input from an AC/DC 15VDC power supply or optional solar panel. If needed, the Power Center can be connected to external battery kits or even other Power Centers to further increase capacity.

Key Features

- 35Ah battery case
- Houses charge controller
- Can power any of our Transportable Repeaters or any other device operating on 12VDC
- On-board battery status display to indicate battery voltage, current draw, and charge level
- Optional 60W Solar Panel (ordered separately)

Battery Management While on the Go

The Stratus Power Center has an internal battery charger and 3hAh battery. It has an on-board power battery percent status indicator and current meter for quick battery management. The Power Center also includes internal breakers for short-circuit protection, charging over-current protection and custom storage for your Stratus External AC Power adapter. All this in a compact and rugged polypropylene copolymer case.

Technical Specifications

Dimensions

- Imperial: 21.7" L x 14.1" W x 8.9" D
- Metric: 55.1 cm L x 35.8 cm W x 22.6 cm D

Weight (Fully-equipped)

- 48 lbs
- 21.8 kg

Operating Temperature

- -30°C to +60°C

Power Center output

- 20 A @ 12 VDC

Power Center Charging Inputs

- External 110/220VAC
- External 8 to 16VDC power (nominal 12VDC)

Battery Life

- Stratus Repeater: 20 hours @ 10% duty cycle

Optional Accessories

Optional Solar Power

We offer an optional 60W compact solar panel package for use with its transportable radio repeater network or in any application requiring rapidly deployable DC power that is compact and easy to carry and set up. The solar panel is made of a rugged flexible material. The 6' x 4' solar panel folds up to 8" x 10" for convenient storage inside the folio in the Stratus Power Center lid.

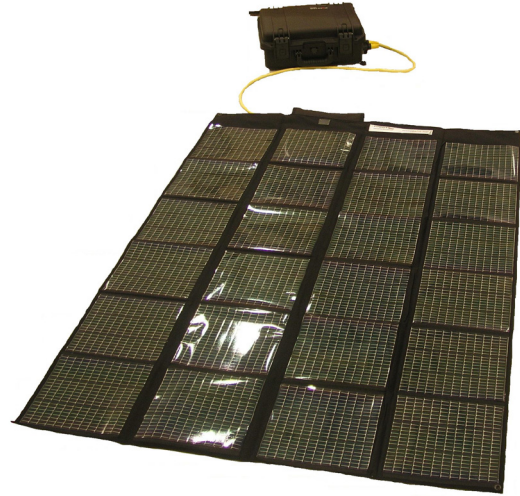
For a transportable repeater this provides sufficient power to charge the battery pack, enabling continuous radio operation at 20 W with a 10% duty cycle.

Part Number

- STRATUS-SOLAR OPT

Description

- Optional 60W Solar Panel for Stratus Power Center
- 3.6A output
- Stows in Stratus Power Center case



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The Power to Respond™

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005-1498-01