



a **TEAM GJ** brand

DC-DC POE (POE) POWER SUPPLY FOR STARLINK HIGH PERFORMANCE ANTENNA

The **Starlink High Performance Antenna** delivers broadband-speed internet in even the most remote environments — but its powerful performance comes with high power demands. With features like **automatic snow melt**, which activates internal heating to keep the dish free of ice and snow, power draw can surge to as much as **300 watts in cold conditions**.

Our custom-engineered DC-DC PoE power supply rises to the challenge by converting power from **12V battery systems** (common in RVs, vehicles, marine vessels, and off-grid solar setups) into a regulated **48V output** with up to **300W capacity** — enough to fully power the Starlink antenna during peak heating loads. Built into a rugged, vibration-resistant enclosure, this supply is designed for reliable performance in demanding mobile deployments. Whether you're on the move or stationed in a snowy outpost, this system keeps Starlink online — and ice-free.

MEASUREMENTS

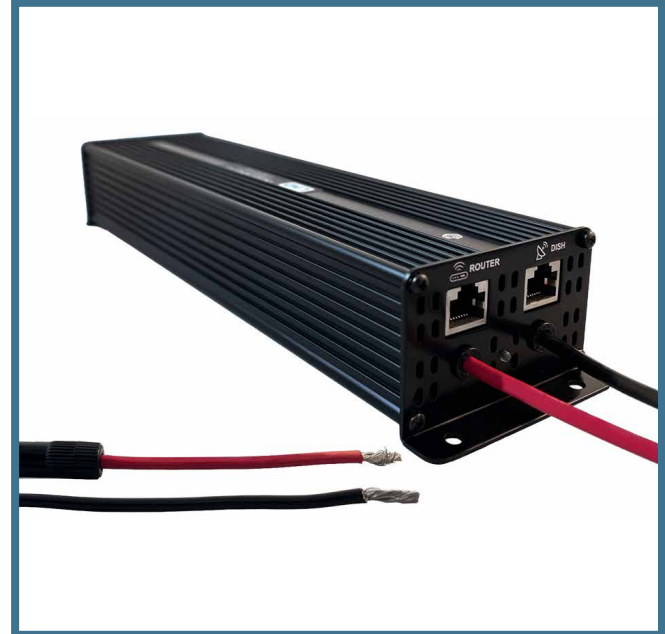
WEIGHT	HEIGHT	WIDTH	DEPTH
2.6 lbs / 1.18 kg	2.50 in / 6.35 cm	3.20 in / 8.13 cm	10.80 in / 27.43 cm

TECHNICAL SPECIFICATIONS

- Input Voltage: 12–32 VDC
- Maximum Input Current: 30A
- Output Voltage: 48 VDC (via PoE)
- Output Power: Up to 300W
- Operating Temperature: -20°C to +45°C
- Storage Temperature: -40°C to +55°C

PRODUCT SELECTION

ITEM NUMBER	DESCRIPTION
SL4863-5734-GJ	Starlink 300W DC/DC Adapter With POE Injector



FEATURES & BENEFITS

- **Supports Up to 300W Peak Load:** Delivers sufficient power for full Starlink High Performance Antenna operation, including peak demand when snow melt heating is active.
- **12–32V DC Input Compatibility:** Optimized for vehicle, marine, RV, and off grid battery systems, supporting a wide input voltage range.
- **Regulated 48V PoE Output:** Provides stable 48V Power over Ethernet (PoE) through an RJ45 connection to power Starlink hardware reliably.
- **Advanced Protection Circuitry:** Built-in safeguards protect equipment from overvoltage, overcurrent, reverse polarity, and thermal events.
- **Silent Fanless Operation:** Efficient, fanless design ensures quiet, maintenance-free performance in mobile and remote deployments.
- **LED Status Indicator:** Integrated LED provides clear visual feedback for normal operation or fault conditions.



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