

TBS-ELECTRONICS 50A DC-DC Charger

Battery Charger / Acculader | TBS-ELECTRONICS | OCS100-50



High-demand auxiliary power systems require rapid battery replenishment, which this DC-DC charger delivers with a powerful 50A current from a flexible 9-32Vdc input. Advanced conversion technology safeguards battery health and longevity, ensuring operational continuity for commercial fleets and off-grid applications.

Features

- Delivers a powerful 50A charging current to rapidly replenish batteries, minimizing downtime and maximizing operational efficiency for your critical mobile or off-grid systems.
- Engineered for commercial vehicle fleets, recreational vehicles, and marine applications requiring reliable auxiliary power management.
- Utilizes advanced DC-DC conversion technology to provide a stable, regulated 50A charge from a flexible 9-32V input, safeguarding battery health and longevity.
- Designed for robust integration into diverse energy systems, ensuring consistent power delivery even in demanding mobile and off-grid environments.

MAX OUTPUT CURRENT

70 A

Technical Specifications

Output		Charging Features	
Max Output Current	70 A	Charge Stages	3
Supported Voltages	12V, 24V, 36V, 48V	Supported Battery Types	Flooded, GEL, AGM, LiFePO4, Custom
Connectivity & Protection		Lithium Mode	? Yes
Reverse Polarity Protection	? Yes	Physical Specifications	
Short Circuit Protection	? Yes	IP Rating	IP32

Regulatory Compliance

CE Standards: EN 60335-2-29, EN 55014, EN 61000-3-2
Regulatory: CE

Product Identification

Item Code: **OCS100-50**
Model: **Omnicharge Solar**