

TBS Battery Protect Relay 500A, 60Vdc



Price: CAD \$429.00

Product Categories: [Disconnects](#), [Shop](#), [Wiring & BOS](#)

Product Tags: [Battery Protect Relay](#), [Battery Protect Relay canada](#), [canada](#), [DCM-TBP-12V-500A](#), [disconnect](#), [low-battery](#), [low-voltage](#), [lvd](#), [relay](#), [tbs battery protect](#)

Product Page:

<https://www.modernoutpost.com/product/tbs-battery-protect-relay-500a-60vdc/>

Product Variants

- TBS Battery Protect Relay 500A, 60Vdc - 12V ()
- TBS Battery Protect Relay 500A, 60Vdc - 24V ()

Product Summary

The TBS Battery Protect Relay (500A) is a smart high current magnetic latching contactor, that can handle continuous DC currents of up to 500Amps. The DC Modular Battery Protect Relay can protect your battery without the need of an external measurement and control device.

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Besides controlling the TBP remotely, buttons positioned at the top also provide a way to open or close the main contact locally. For external control, the TBP is equipped with a 5-wire interface cable. It can be configured to accept two wire or single wire ON/OFF commands for optimal flexibility.

Part# : DCM-TBP-12V-500A

TBS Battery Protect Features

Electronically controlled magnetic latching contactor

The TBP is a magnetic latching relay, which means that there is no current draw from the battery when the contact is closed. This is a great benefit compared to regular relays which do require a (sometimes significant-) hold current to keep the contact closed.

Extremely low power consumption (< 100 μ A) 500Amp nominal current 60Vdc contact rating. Battery protection

Override mode

In situations where the TBP has opened the main contact due to a battery undervoltage, long-pressing the close button (local or external) will close the main contact for 1 minute. This allows the user to jumpstart a low battery system. When after this minute the battery voltage remains too low, the contact will open up again. But it remains closed when during the override time, a charger has been connected causing the battery voltage to recover.

TBS Battery Protect Applications

- Marine applications - Recreational vehicles (RV) - Service vehicles - Off grid solar power systems - Battery management systems - Off grid solar power systems - Battery load shedding applications - Industrial systems

Download The Spec Sheet : [DCMD-RBS-TBP-EN-REVB](#)]

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: .9 kg
- System Voltage: 12V, 24V