

Installations & Operation Instructions

PRODUCT FEATURE

TMC battery selector switch is rated at 175A continuous duty at DC-12V and rated at intermittent 300A.

It can be used with DC 6V-32V systems. 5-1/2" dia. ABS housing with brass terminals and cooper washers.

The selector switch will permit the use of two batteries with a single pole, triple-throw rotary switch.

The switch will allow the following selection of battery functions:

- 0 - Complete disconnect of both batteries or banks of batteries.
- 1 - Operation of No.1 battery only.
- 2 - Operation of No.2 battery only.
- 1+2 - Operation of both batteries or banks of batteries.

MOUNTING

The switch should be mounted on a flat surface in a clean dry area. The battery and starter cables should be as short as possible.

WIRING

Wire size and type may be obtained from American Boat and Yacht Council (ABYC) Electrical Standards or Engine Manufacturing Standards. The switch wiring terminals are 3/8" brass with two copper washers. Assume that all connections are tight and that there is no stress or twists in the wiring.

OPERATION

The selector switch will allow the use of one battery for engine starting and one battery for auxiliary electrical equipment. Batteries may be placed in parallel by switching to (1+2) for emergency use.

CHARGING

The position of the switch will determine which battery is being charged when the engine is running. Position (1+2) will charge both batteries.

WARNING

DO NOT TURN THE SWITCH OFF WHEN THE ENGINE IS RUNNING.
ALWAYS STOP ENGINES BEFORE SWITCHING TO OFF POSITION.

Dimensions & Wiring Diagrams

