

Smart Terminal Controller

The electrical system becomes visible.

The Smart Terminal Controller (STC) combines configurable shunt monitoring, dual-voltage monitoring, SmartWiring fuse/block monitoring, alerts and relay control, turning the electrical system into live vessel data through mySmartApp.

FOR MARINE INSTALLERS | DEALERS
CHANDLERS | BOAT OWNERS



BATTERY + SHUNT



Monitor battery state with configurable shunt monitoring.

SMART TERMINAL CONTROLLER



SMART TERMINAL BLOCKS



Monitor up to 8 Smart Terminal Blocks and 64 individual circuits.

mySmartApp



Live data, configuration, alerts and control on your mobile device.

WHY IT MATTERS



One controller, multiple electrical layers

Brings battery, fuses, voltages and control together in a single system.



Fuse status becomes data

See the real-time status of every circuit.



Battery state becomes actionable

Know your battery state and respond before problems occur.



Distributed wiring, centralised visibility

Monitor multiple blocks around the vessel from one controller and one app.

KEY CAPABILITIES



Configurable shunt monitoring

Supports a wide range of shunt ratings.



2 DC voltage inputs (V1 + V2)

Monitor two independent DC systems.



Up to 8 Smart Terminal Blocks

Expand around the vessel.



Up to 64 monitored circuits

Real-time fuse status becomes data.



Local audible alerts

Built-in buzzer for immediate notification.



2 configurable relay outputs

Control external devices and systems.



mySmartApp INTEGRATION



Graphical configuration

Set up quickly and easily in the app.



Live monitoring

View real-time battery, voltage, fuse and system status.



Named circuits and blocks

Give meaningful names for simple identification.



History and alerts

Track events and view historical data.



Mobile and tablet friendly

Designed for use on your phone or tablet.



Beyond the battery monitor.

The Smart Terminal Controller links battery state, fuse visibility, alerts and relay response into one SmartBoat data layer.

MONITOR • ALERT • RESPOND • INTEGRATE

Configurable alarm monitoring
Works with a wide range of marine sensors.

12V outputs with (FET 1/2)
Monitor and automation of devices up to 61 A.

Local audible alarm
Built-in buzzer for immediate notification.

SmartWiring fuse block monitoring
Up to 16 loads across 4 groups.

2 configurable relay outputs
Control external devices and systems.

mySmartApp integration
Live data, alerts and control on your mobile device.

BATTERY MONITORING THAT UNDERSTANDS THE CONTEXT

More than a voltage reading. Real battery insight for a smarter, safer boat.



Coulomb counting first

Tracks charge in and out for true state of charge (SOC).



Chemistry-aware AutoSOC

Understands your battery chemistry and applies SOC calculation.



No boot-time SOC guessing

Maintains real SOC through restarts with — no misleading guesses.



Confirmed full resets

Automatically re-synchronises SOC after a full charge is detected.



Manual 100% baseline

Set a 100% reference point when needed e.g. after battery replacement.



Voltage alerts without corrupting SOC

Low/high voltage alerts for system protection, without sugar de treat SOC calculation.



WHY INSTALLERS AND OWNERS LOVE IT

A smarter, simpler and more capable electrical system for modern boats.



One controller, multiple electrical layers

Battery, fuses, relays and control together in a single system.



Supports a broad range of common marine sensors

Works with industry-standard sensors, NMEA integration.



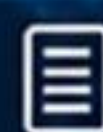
Up to 8 Smart Terminal Blocks and 4x circuits

Expand across the vessel with one, line cabling.



Distributed wiring centralised visibility

Monitor multiple locations from one controller and one app.



Named circuits and load location

Faster fault finding with meaningful names and circuit identification.



Local + remote status through mySmartApp

Live data, alerts and configuration on your phone, tablet.



Alert routing and logic response

Configurable alerts with automatic relay actions for increased safety.



Vetted remote helm installation At 202A

Proven reliable operation with remote-mount Smart blocks up to 20 metres.



SYSTEM OVERVIEW

A connected system from battery to app.



Battery + Shunt
Monitor battery state with high-precision coulomb counting.



DC Voltage Inputs
Two independent voltage inputs (e.g., p, engine, generator).



Smart Terminal Controller
Central brain that connects battery, fuses, relays and app control.



Smart Terminal Blocks
Up to 8 blocks and 4x 16A circuits each across the vessel.



mySmartApp
Live data, alerts and configuration on your phone or tablet.



TECHNICAL HIGHLIGHTS

12-24V input range
Suitable for modern marine electrical systems.

Low power standby
Minimal drain good for standby matrices.

Sensor support NMEA 2020
Megimts bar required 3rd devices.

Configurable relays & logic
Supports a wide range of alarm actions.

Up to 8 Smart 16A circuits
Scalable across the vessel.

Integrated system view
Control external devices and systems.

Robust marine environment design
Built for reliability.



BEST FOR



Installers

A flexible way to integrate modern boat upgrades across boat types.



Boat builders / refitters

A scalable, professional system that enhances serviceability and appearance.



Owners seeking smarter electrical visibility

Greater insight, safety and peace of mind on board.

Make the electrical system visible.

SmartWiring • Beyond the Battery • A Safer Ecosystem