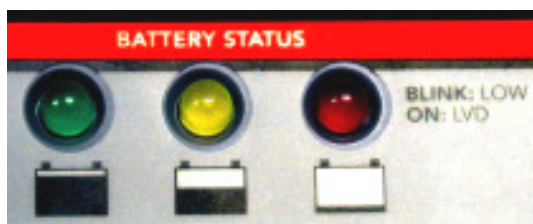


PROSTAR photovoltaic system controller



FEATURES:

- ☛ For maintenance-free and flooded type 12 or 24-Volt batteries
- ☛ Capacity 15 or 30 Amp.
- ☛ Advanced microprocessor control: automatic voltage selection, load current temperature corrected
- ☛ 5 LED status indicators
- ☛ Operating temperature -40 to + 60°C at 100% relative air humidity
- ☛ CE-certification



LED indication for battery status

PINTSCH ABEN's advanced *PROSTAR* photovoltaic system controller is one of the most reliable battery charge regulators available. *PROSTAR* controllers are specifically designed for maritime applications. Depending on the quantity of the generated solar energy, you can choose between 2 standard models: the *PROSTAR 15* or *30* for 15 or 30 Amperes maximum input current.

PROSTAR controllers are suitable for both maintenance-free and conventional (flooded type) 12 or 24-Volt batteries. The integrated microprocessor circuit automatically selects for a 12 or 24-Volt system and compensates load voltage for ambient temperature. Batteries are disconnected electronically when battery voltage drops below a low-voltage setpoint. This guarantees maximum battery life. To secure total operational durability in severe maritime conditions, the entire processor print of the *PROSTAR* is cast in a moistureproof resin. On the *PROSTAR*'s control panel 5 LED indicators show battery type (sealed/flooded type), battery charge level (full/half-full/empty) and battery charging.

The dimensions (lxwxh) of the *PROSTAR*-controllers are: 153 x 105 x 55 mm.



PROSTAR 15 installed in solar energy unit

APPLICATIONS:

- Waterway beacons and marking buoys
- Autonomously operating lighting units
- Measurement units and back-up systems
- Sailing boats