

PELANGI

SOLAR REGULATOR

PROSTAR

PHOTOVOLTAIC CONTROLLERS



PROSTAR 12

PV current: 12 amps
Load amps: 8 amps

PROSTAR 20

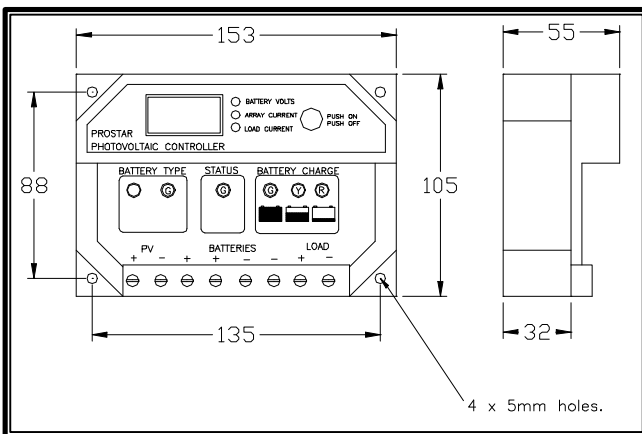
PV current: 20 amps
Load amps: 16 amps

PROSTAR 30

PV current: 30 amps
Load amps: 30 amps

Dimensions:
153mm(W) x 105mm(H) x 55mm(D)

Weight: 0.34 kgs



Designed by experienced PV system engineers, Prostar's series design provides many advantages compared to shunt controllers.

- Series regulation reduces FET heating and lowers voltage stress on the power FETs.
- A series configuration also improves protection against lightning surges and reduces switching noise.
- LCD three digit display with reflective foil for easy readability.
- Battery charge LED's indicate relative battery state-of-charge. All LED's are pulsed to minimise parasitic loads.
- Manual disconnect button (option) will instantly disconnect all PV and load connections. Same button serves as a manual reconnect.
- Full electronic protection against any sequence of reversed wire connections.
- Series switching prevents battery from discharging at night through the PV modules.
- Provides flexibility for either 12 v or 24 v systems. Processor automatically configures for correct system voltage.
- Temperature compensation:- corrected setpoints referenced to ambient temperature.
- Simple, Flexible, easy to use.
- Five year warranty period



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