

PR Solar Charge Controllers

FEATURES

- PWM Control
- State of charge (SOC) battery regulation
- Build in Ah counter
- Boost charging
- Equalising charge
- Float charging
- Automatic load reconnection
- Automatic selection of voltage (12 V/24 V)
- Temperature compensation
- Positive grounding
(or) negative grounding on one terminal
- LCD Display
- Night light function
- Integrated self test

APPLICATIONS

- Solar home systems
- Telecommunications
- Recreation vehicles
- Marine

TECHNICAL SPECIFICATIONS



20 Amps

Model	PR 2020
System Voltage	12 V (24 V)
Module Current	20 A
Max Load Output Current	20 A
Max Self Consumption	12.5 mA
End of Charge Voltage (Float)	13.9 V / (27.8 V)
Boost Charge Voltage,	14.4 V (28.8 V)
Equalisation Charge	14.7 V (29.4)
Reconnection Setpoint (SOC/LVR)	>50% SOC 12.6 V (25.2 V)
Deep Discharge Protection (SOC/LVD)	>30% SOC 11.1 V (22.2 V)
Ambient Temperature Allowed	-10 °C ... +50 °C
Terminal Size (Fine / Single Wire)	25 mm ²
Enclosure Protection Class	IP 32
Dimensions (L x W x H)	44 x 187 x 96 mm
Weight	0,35 Kgs

Technical Specifications subject to change without notification.