

PR Solar Charge Controllers



10 / 15 / 20 / 30 Amps

FEATURES

- PWM shunt battery charging*
- State of charge (SOC) battery regulation*
- Built in Ah counter*
- Boost charging*
- Equalising charge*
- Float charging*
- Automatic load reconnection*
- Manual load switch*
- Automatic selection of voltage (12 V / 24 V)*
- Temperature compensation*
- Positive grounding*
- (or) negative grounding on one terminal*
- Field adjustable parameters by two buttons*
- Lighting control options during nighttime*
- Interface to prepayment unit*

APPLICATIONS

- Solar home systems*
- Telecommunications*
- Recreation vehicles*

TECHNICAL SPECIFICATIONS

Model	PR 1010	PR 1515	PR 2020	PR 3030
System Voltage	12 V (24 V)	12 V (24 V)	12 V (24 V)	12 V (24 V)
Max Module Input Short Circuit Current	10 A	15 A	20 A	30 A
Max Load Output Current	10 A	15 A	20 A	30 A
Max Self Consumption	< 5 mA	< 5 mA	< 5 mA	< 5 mA
End of Charge Voltage (Float)	liquid 13.9 V / (27.8 V) gel 14.1 V (28.2 V)			
Boost Charge Voltage, 1 h	14.4 V (28.8 V)			
Equalisation charge (Deactivated for Gel Accu), 2 h	14.7 V (29.4 V)			
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)	16 mm ² /25 mm ²			
Enclosure Protection Class	IP 22	IP 22	IP 22	IP 22
Dimensions (L x W x H)	187 x 96 x 44 mm			
Weight	0.35 kg	0.35 kg	0.35 kg	0.35 kg

Technical Specifications subject to change without notification.