



samlexsolar
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10-30A

Solar Charge Controllers Solarix PR Series

Model
PR 1010
10 Amps
PR 1515
15 Amps
PR 2020
20 Amps
PR 3030
30 Amps



Design Features

- Hybrid controller
- State of charge determination with Steca AtonIC (SOC)
- Automatic detection of voltage
- PWM control
- Multistage charging technology
- Load disconnection depending on SOC
- Automatic load reconnection
- Temperature compensation
- Common positive grounding or negative grounding on one terminal
- Integrated data logger
- Night light function
- Integrated self test

Applications

- Solar home systems
- Telecommunications
- Recreation vehicles

2 YEAR WARRANTY

MODEL NO.	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)	14.4 V (28.8 V)	14.4 V (28.8 V)	14.4 V (28.8 V)
EQUALISATION CHARGE (DEACTIVATED FOR GEL ACCU), 2 H	14.7 V (29.4 V)	14.7 V (29.4 V)	14.7 V (29.4 V)	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, MM (L x W x H)	187 x 96 x 44	187 x 96 x 44	187 x 96 x 44	187 x 96 x 44
DIMENSIONS, INCHES (L x W x H)	7.36 x 3.78 x 1.73	7.36 x 3.78 x 1.73	7.36 x 3.78 x 1.73	7.36 x 3.78 x 1.73
WEIGHT, KG	0.35	0.35	0.35	0.35
WEIGHT, LB	0.77	0.77	0.77	0.77

NOTE: Specifications are subject to change without notice