



samlexsolar[®]
A Division of Samlex America Inc.

10-30A



Charge Controllers Solarix PRS Series

Model	PRS-1010 10 Amps
	PRS-1515 15 Amps
	PRS-3030 30 Amps

Design Features

- Series controller
- Automatic detection of voltage
- Voltage and current regulation
- PWM control
- Multistage charging technology
- Current compensated load disconnection
- Automatic load reconnection
- Temperature compensation
- Common positive grounding or negative grounding on one terminal
- Integrated self test

Applications

- Solar home systems
- Recreation vehicles

2 YEAR WARRANTY

MODEL NO.	PRS 1010	PRS 1515	PRS 3030
SYSTEM VOLTAGE	12V (24V)	12V (24V)	12V (24V)
BATTERY INPUT VOLTAGE		9.0V - 17.0V (17.1V - 34.0V)	
MAX MODULE INPUT SHORT CIRCUIT CURRENT	10A	15A	30A
MAX LOAD OUTPUT CURRENT	10A	15A	30A
MAX SELF CONSUMPTION	< 4 mA	< 4 mA	< 4 mA
END OF CHARGE VOLTAGE (FLOAT)	13.9V (27.8V)	13.9V (27.8V)	13.9V (27.8V)
BOOST CHARGE VOLTAGE, 1 H	14.4V (28.8V)	14.4V (28.8V)	14.4V (28.8V)
EQUALISATION CHARGE (DEACTIVATED FOR GEL ACCU), 1 H	14.7V (29.4V)	14.7V (29.4V)	14.7V (29.4V)
RECONNECTION SETPOINT (SOC/LVR)		> 50% / 12.4V ~ 12.7V (24.8V ~ 25.4V)	
DEEP DISCHARGE WARNING		< 40% / 11.7V ~ 12.3V (23.4V ~ 24.6V)	
DEEP DISCHARGE PROTECTION (SOC/LVD)		< 30% / 11.2V ~ 11.6V (22.1V ~ 23.2V)	
AMBIENT TEMPERATURE ALLOWED		-25 °C to +50 °C	
TERMINAL SIZE (FINE / SINGLE WIRE)		16 mm ² /25 mm ²	
ENCLOSURE PROTECTION CLASS	IP 34	IP 34	IP 34
DIMENSIONS, MM (L x W x H)	187 x 96 x 45.3	187 x 96 x 45.3	187 x 96 x 45.3
DIMENSIONS, INCHES (L x W x H)	7.36 x 3.78 x 1.78	7.36 x 3.78 x 1.78	7.36 x 3.78 x 1.78
WEIGHT, KG	0.35	0.35	0.35
WEIGHT, LB	0.77	0.77	0.77