



Solar Controller

Solar station/street light

PRSC-F4860



System voltage	DC 12V/24V/36V/48V auto work	Working temperature	-25°C ~ 55°C
Rated current	60A	LCD temperature	-20°C ~ 70°C
Maximum battery voltage	64V	Overall dimension	205x174x664mm
Maximum PV voltage	96V	Mounting dimension	195x130mm
Self-consumption	Max 15mA	Net weight	1.6kg
Charge circuit voltage drop	≤ 0.53V	Terminals	35mm ²
Discharge circuit voltage drop	≤ 0.16V	Enclosure	IP30
Humidity	10%-90% NC	Ground	Negative to the ground
Communication	RS485 / RJ45 interface	Reverse polarity protection	Solar module & battery
Remote temperature sensor interface	2ERJ—3.81	Packing:	46.5 x 38.5 x 21.5 cm / 4pcs / 7.5kg

PRSD-R2408 (With LED regulator) / PRSD-R2416 (With LED regulator)



System voltage	DC 12V/24V auto work	Over-discharge voltage	11.1V ; x 2 / 24V
Output current	330mA~2310mA	Temperature compensation	-4.0mV/ °C/2V (25°C)
Self-consumption	5mA /12V ; 7mA / 24V	Efficiency of constant current source	90%~96%
Max. PV input voltage	< 55V	Accuracy of current	±2
Rated current	8A / 16A	Highest load output voltage	< 70V
Overpressure protection	17.0V ; x 2 / 24V	Light sensor delay time	10min
Equalize charging voltage	14.6V ; x 2 / 24V(25°C)	Working temperature	-40°C~+70°C
Boost charging voltage	14.4V ; x 2 / 24V(25°C)	Protection grade	IP68
Float charging voltage	13.8V ; x 2 / 24V(25°C)	weight	0.27kg
Low voltage reconnect voltage	13.2V ; x 2 / 24V(25°C)	Overall dimension	82x58x20mm
Low voltage disconnect voltage	12.5V ; x 2 / 24V	Packing:	33.5 x 30.0 x 21.0 cm / 32pcs / 10.5kg