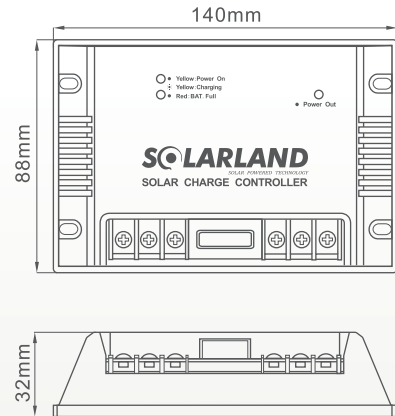


# Controllers SLC-B Series PWM Solar Charge Controller (5A-15A)

The Solarland® SLC-B Series PWM Solar Charge Controllers are a compact, effective and SMART charge control solution ideal for small off-grid solar systems. This is the 3rd generation of this series featuring improved charge efficiency and a temperature sensor option.

**Model: SLC-1215B/SLC-2405B/SLC-2410B**



## Features:

- Charging Process; ...high efficiency, 3-stage PWM series charging method, utilizing an industrial grade CPU.
- LED Indicators; ...3 LED's provide quick and easy system status.
- Protection; ...fully protected against reverse polarity, short circuit, over-current and over voltage at any of the controller terminals.
- Automatic Voltage Detection; ...the SLC-2405B and SLC-2410B can operate at 12V or 24V. The controller automatically identifies and adjusts to the system voltage
- Temperature Sensor Option; ...all SLC-B model controllers feature a temperature sensor option. (# SLC-TSEN Available separately.)

Model	SLC-2405B	SLC-2410B	SLC-1215B
Rated voltage(V)	12/24		12
Float voltage(V)	24V system: 27.6±0.4 /12V system: 13.8±0.2		13.8±0.2
Over-charging Protection Voltage (V)	24V system: 28.2~29 /12V system: 14.1~14.5		14.1~14.5
Load Disconnect Voltage (V)	24V system: 21.6~22.8 /12V system: 10.8~11.2		10.8~11.4
Load Reconnect Voltage(V)	24V system: 24.4~25.2 /12V system: 12.2~12.6		12.2~12.6
Max. Solar Current(A)	5	10	15
Max. Load Current (A)	5	10	15
Typical Power Consumption (mA)	8		
Temperature Compensation Factor	-3mV/cell*K(Option)		
Voltage Drop Between Solar Power and Battery (V)	≤0.4		≤0.4
Voltage Drop Between Battery and Load (V)	≤0.3		≤0.3
Ambient temp. Range(°C)	-20°C~50°C		
Max. Altitude(m)	5000		