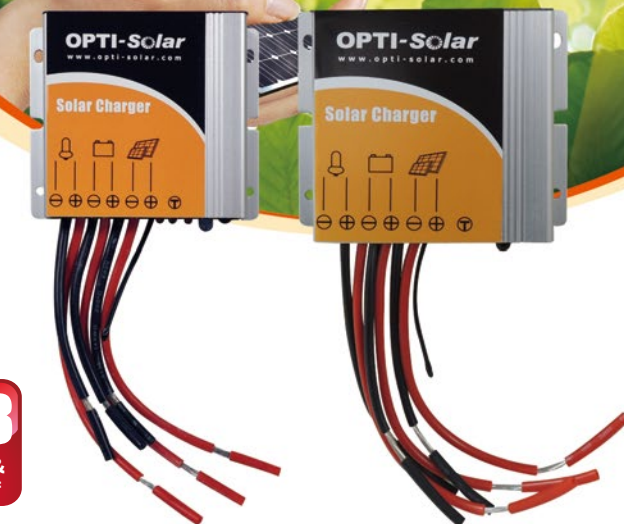


## Solar Charger

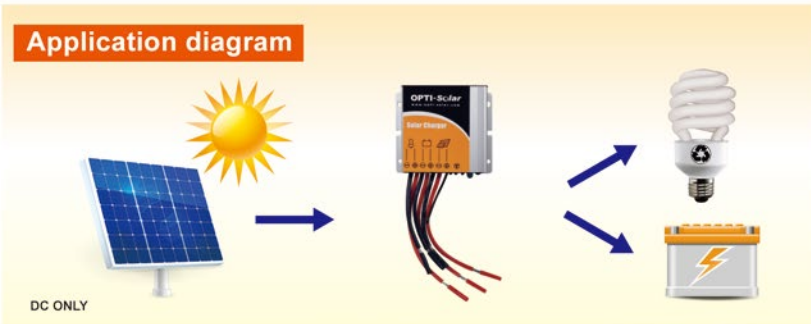
SC-SM Series has a built-in PV sensor that outputs power based on the photovoltaic power levels.

SC-SM-Z Series outputs power continuously, whether the photovoltaic power exists or not.



### Features

- 12V/24V automatic recognition
- Automatic temperature compensation
- Three-stage charge method
- Electronic protections
- IP68 enclosure



### Specifications

Model	SC-10SM/SM-Z	SC-20SM/SM-Z
Nominal voltage	12 V / 24 V automatic recognition	
Max solar current or load current	10A	20A
Boost voltage	14.5 / 29 V (25°C)	
Equalization voltage	14.8 / 29.6 V (25°C)	
Float voltage	13.7 / 27.4 V (25°C)	
Battery type	Flooded, Sealed	
Max solar voltage	55V	
Max battery voltage	40V	
Cable length	120mm / 80mm	
Over voltage protection	15.5 V / 31.0 V	
Dimensions / Weight	85 × 70 × 20 mm / 200g	85 × 85 × 20mm / 210g
Wire cross-section	SC-10SM/SM-Z: 2.5 mm <sup>2</sup> ; SC-20SM/SM-Z: 4 mm <sup>2</sup>	
Typical power consumption	Lower than 13mA / 15mA	
Working temperature	-40°C ~ 60°C	
Case protection	IP68	
Max altitude	4000 m	

Specifications are subject to change without notice.