

SR-LM Series PWM Solar Charge Controller



SR-LM10A

Voltage: 12V/24V AUTO
Current: 10A



SR-LM20A

Voltage: 12V/24V AUTO
Current: 20A



SR-LM30A

Voltage: 12V/24V AUTO
Current: 30A

SR-LM series PWM controller outstands for making solar charging & battery loading management easier and simpler, with features as follows:

1. 12V / 24V auto recognition
2. LED indicators for displaying the solar charging & battery loading status.
3. Adopts the latest solar charge algorithm for battery, of which service life can be extended by protecting the battery from vulcanization, through auto equalization charge once a week.
4. Four working modes available for different loading and working circumstance.
5. Working status and parameter would be auto recorded if power failure happens, no need to re-set the controller, it's easy to operate.
6. Various kinds of electronics protection for solar panel, loading and controller.

Item	SR-LM10A	SR-LM20A	SR-LM30A
System Voltage	12V/24V Auto	12V/24V Auto	12V/24V Auto
System Current	10A	20A	30A
Self-consumption	< 10mA/12V ; < 10mA/24V	< 10mA/12V ; < 13mA/24V	< 10mA/12V ; < 13mA/24V
Solar Input Voltage	< 55V	< 55V	< 55V
Overvoltage Protection	17.0V ; ×2/24V	17.0V ; ×2/24V	17.0V ; ×2/24V
Equalization Charge Voltage	14.6V ; ×2/24V (25°C)	14.6V ; ×2/24V (25°C)	14.6V ; ×2/24V (25°C)
Ascending Charge Voltage	14.4V ; ×2/24V (25°C)	14.4V ; ×2/24V (25°C)	14.4V ; ×2/24V (25°C)
Float Charge Voltage	13.8V ; ×2/24V (25°C)	13.8V ; ×2/24V (25°C)	13.8V ; ×2/24V (25°C)
Working Temperature	-35°C~+65°C	-35°C~+65°C	-35°C~+65°C
Weight	106g	218g	350g
Dimension (L*W*H)	124.7×69.4×34.0(mm)	154×72×32.7 (mm)	165.0×90.0×39.4 (mm)