

# SOLAR CHARGE CONTROLLER

Specially having USB charging mode. It convenience for charge 1A and 500mA loadings.

Tandem type PWM charging makes the charging efficiency increase by 3% to 6%, compared with non-PWM charging.

Having the protection functions as overcharging, over discharging, overload, short-circuit and reversed connection.



## SLC-NR1012UL / SLC-NR1012UH

Model	SLC-NR1012UL	SLC-NR1012UH
Rated Voltage	12V	12V
Rated Current	10A	10A
USB output voltage	5.0V±0.2V	5.0V±0.2V
USD output Current	<0.6A	<1.2A
Charging Mode	PWM	PWM
Float Voltage	13.8V±0.2V	13.8V±0.2V
Low Voltage Disconnection	11.2V±0.2V	11.2V±0.2V
Low Voltage Reconnection	12.3V±0.2V	12.3V±0.2V
Charging(Discharging) Circuit Voltage Drop	≤0.20V (≤0.15V)	≤0.20V (≤0.15V)
Overloading	>12A, 5 Seconds; >18.5A, 1Second	>12A, 5 Seconds; >18.5A, 1Second
Self-consumption	≤12 mA	≤12 mA
Operating Temperature	-20°C~+50°C	-20°C~+50°C
Storage Temperature	-30°C~+80°C	-30°C~+80°C
Size	130x75x37mm	130x75x37mm
Mounting Hole Spacing	55mm x122mm - Ø3.5	55mm x122mm - Ø3.5
Weight	Approx.125g	Approx.125g