

10A MPPT SOLAR CHARGE CONTROLLER

SRNE series MPPT charge controllers are the new standard in advanced maximum power point tracking. Four stage charging mode with various auto temperature and auto load control functions, for fast and effective charge control.

Specifications

Operating Voltage	12V or (24V) (Automatic)
Max Input Voltage of PV Panel	< 150V
Max Solar Power Input	130W (12V) / 260W (24V)
Stand by self consumption	<10mA
Module current	10A
Charge current	10A
Load current	10A
Transfer efficiency	> 97%
MPPT tracing efficiency	> 99%
Over voltage protection	16.5V (12v) / 33V (24v)
Limit charge voltage	15.5V (12v) / 31V (24v)
Float charge voltage	13.8V (12v) / 27.6V (24v)
Bulk charge voltage	14.4V (12v) / 28.8V (24v)
Absorption charge voltage	15.2V (12v) / 30.4V (24v)
Over discharge voltage	11.0V (12v) / 22.0V (24v)
Temperature compensation	-4.0mV / °C / 2V
Over temperature protection	Yes

Mechanical Spec

Dimensions	143 * 71 * 31.4mm
Weight	430grams
Operation Temp	-35°C - +65°C
IP Rating	IP64 Rated
Cable Max	12mm ²



OPTIONAL Remote Touch Sensitive Meter

SRNE Remote Display allows you to browse the system status easily using the touch select interface. The select buttons are individually back-lit, and information is displayed on the integrated LCD screen.

Specifications

Functions	PV Voltage, Battery Voltage, Charge Current, Load Current, Charge Ah, DisCharge Ah, Temp, Error Status
Refresh Rate	<10 Seconds
Communication Interface	RJ12 (6 needles)
Cable Length	2 Meters
Working temperature	-35°C - +65°C
Dimensions	115.82 x 115.82 x 27.7mm (50mm depth with mounting box)

