

## MPPT SOLAR CHARGER

MODEL	SLRM1250A	SLRM2450A	SLRM2440A	SLRM4850A	SLRM4825A	SLRM9625A	SLRM12020A	SLRM14410A	SLRM3640A
<b>INPUT-PV Panel</b>									
Panel Wattage Wp	750W	1500W	1200W	3000W	1500W	3000W	3000W	1800W	1800W
PV Panel Array	12V/24V	24V	24/48V	48V	48V	96V	120V	144V	36V/48V
I/P Voltage Range (DC)	15-44V	30-44V	30-88V	60-88V	60-168V	120-168V	144-250V	180-270V	45-88V
Max PV Volt (Voc)	44V	44V	88V	88V	168V	168V	250V	270V	88V
MPPT Range	15-36V	30-36V	30-72V	60-72V	60-144V	120-144V	144-216V	180-216V	45-72V
<b>OUTPUT SPECIFICATIONS</b>									
Battery Voltage	12V	24V	24V	48V	48V	96V	120V	144V	36V
Charging Voltage	14.4V	28.8V	28.8V	57.6V	57.6V	115V	144V	173V	43V
Charging Current	50	50A	40A	50A	25A	25A	20A	10A	40A
<b>PROTECTIONS</b>									
Lightning(MOV)	YES	YES	YES	YES	YES	YES	YES	YES	YES
Panel Reverse Polarity	YES	YES	YES	YES	YES	YES	YES	YES	YES
Batt Reverse Polarity (by fuse)	YES	YES	YES	YES	YES	YES	YES	YES	YES
Short Circuit	YES	YES	YES	YES	YES	YES	YES	YES	YES
Over Load	YES	YES	YES	YES	YES	YES	YES	YES	YES
COOLING SYSTEM	Fan	Fan	Fan	Fan	Fan	Fan	Fan	Fan	Fan
<b>INDICATIONS</b>									
PV OK GRN	YES	YES	YES	YES	YES	YES	YES	YES	YES
PV LOW RED/ MPPT GRN	YES	YES	YES	YES	YES	YES	YES	YES	YES
FLOAT- ON GRN / BOOST RED	YES	YES	YES	YES	YES	YES	YES	YES	YES
BATT REVERSE RED	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>DIMENSION in mm</b>	235W X 200D X 100H								
<b>ENCLOSURE TYPE</b>	IP20								
<b>WEIGHT</b>	2500Gms								
<b>OPERATING TEMP</b>	0 TO 50 deg C								

\* Above all models are parallable which can be connect in parallel to achieve higher wattage requirements.

\* Default setting of MPPT Point : 16V For 12V Panel