

MPPT SOLAR CHARGER

MODEL	SLRM1212A	SLRM1215A	SLRM1220A	SLRM2420A	SLRM4820A
INPUT-PV Panel					
Panel Wattage Wp	180W	225W	300W	600W	1200W
PV Panel Array	24V	12V	12/24V	48V	48/96V
I/P Voltage Range (DC)	28-57V	15-22V	15-44V	60-88V	60-168V
Max PV Volt (Voc)	57V	22V	44V	88V	168V
MPPT Range	28-40V	15-18V	15-36V	60-72V	60-144V
OUTPUT SPECIFICATIONS					
Battery Voltage	12V	12V	12V	24V	48V
Charging Voltage	14.4V	14.4V	14.4V	28.8V	57.6V
Charging Current	12A	15A	20A	20A	20A
PROTECTIONS					
Lightning(MOV)	YES	YES	YES	YES	YES
Panel Reverse Polarity	YES	YES	YES	YES	YES
Batt Reverse Polarity (by fuse)	YES	YES	YES	YES	YES
Short Circuit	YES	YES	YES	YES	YES
Over Load	YES	YES	YES	YES	YES
COOLING SYSTEM	Natural	Natural	Fan	Fan	Fan
INDICATIONS					
PV OK GRN	YES	YES	YES	YES	YES
PV LOW RED/ MPPT GRN	YES	YES	YES	YES	YES
FLOAT- ON GRN / BOOST RED	YES	YES	YES	YES	YES
BATT REVERSE RED	YES	YES	YES	YES	YES
DIMENSION in mm	165W X 105D X 60H		195W X 130D X 100H		
ENCLOSURE TYPE	IP20				
WEIGHT	650Gms		1200Gms		
OPERATING TEMP	0 - 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