

Product Selection Guide																												
EVERON NUPS RANGE OF MPPT SOLAR CHARGERS																												
Model No. (Ex.EV MPPT-12/24-50/25)	EV-MPPT-SMU-12/24-50/ x								EV-MPPT-SMU-12/24-100/ x												EV-MPPT-SMU-24/48-200/ x							
Battery Operating Mode	12V	24V	12V	24V	12V	24V	12V	24V	12V	24V	12	24	12V	24V	12V	24V	24V	48V	24V	48V	24V	48V	24V	48V	24V	48V		
SPV (Pmax)	400W	800W	500W	1KW	700W	1.4KW	1KW	2KW	400W	800W	500W	1KW	700W	1.4KW	1KW	2KW	1KW	2KW	1.4KW	2.8KW	2KW	4KW	1.35KW	2.7KW	2KW	4KW		
Solar input voltage(Voc max)	50V								100V																200V			
Indications	LCD DISPLAY																											
Charging method	Preconditioning/Bulk/Flat/Equilization																											
Battery voltage Nominal	12V	24V	12V	24V	12V	24V	12V	24V	12V	24V	12V	24V	12V	24V	12V	24V	24V	48V	24V	48V	24V	48V	24V	48V	24V	48V		
Battery type	Lead Acid/ Lithium Ion/LFP																											
Self Power consumption	<1W																											
Max Charging Current	25A	35A	45A	60A	25A	35A	45A	60A	30A	45A	60A	45A	60A	45A	60A	45A	60A	45A	60A	45A	60A	45A	60A	45A	60A			
SMU SPECS	Note:- SMU function will work only when solar power is present, battery charging is ON and SMU switch in ON state.																											
SWITCH ON	SMU Function enabled																											
SWITCH OFF	SMU Function Bypassed																											
SMU ON Function	As per Battery Type. @ 2.35 V / Cell (Rating Specific)																											
SMU OFF Function	As per Battery Type. @ 1.91 V / Cell (Rating Specific)																											
Protections	Battery Reverse Polarity, Solar Reverse Polarity, Battery Charging, SMU ON(Present in Hybrid Systems Only)																											
Displayed parameters on LCD	PV voltage, PV current, PV power,Battery voltage, Charging current, Cumulative Solar Generated Power(KWH), SMU Status (Present in Hybrid Systems Only) .																											
Efficiency	>95%																											
Cooling	Fan (Forced Air Type Cooling)																											
Cabinet Material	Metallic/ABS Plastic																											
Cabinet Dimensions (LxWxH)mm	180x180x100				280x180x100				180x180x100				280x180x100															
Operation Temperature	0°C to 50°C																											
EVERON ENERGY SYSTEMS PVT LTD FA-343, Ground Floor, Mansarovar Garden, Ramesh Nagar, New Delhi-110015 GSTIN: 07AAACE3860F1ZW URL: www.everon.com, E-mail: mktg@everon.in																												