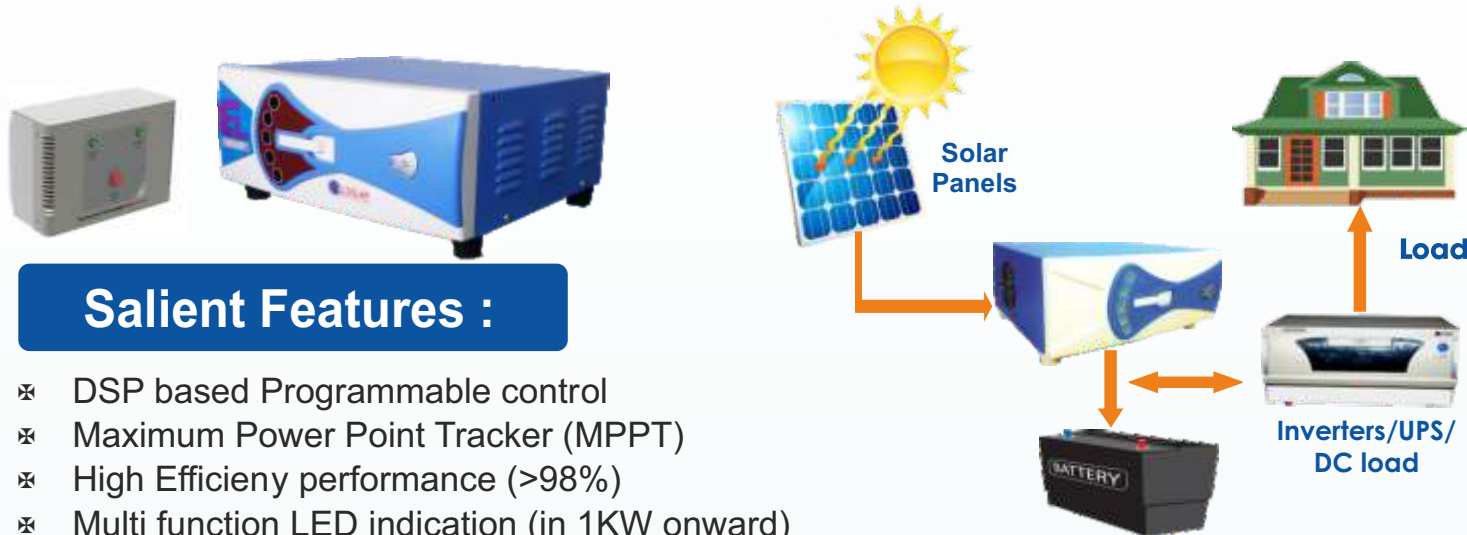


SOLAR MPPT CHARGER



The state of art solar battery charger with DSP & Protection

This DSP based MPPT charger intelligently ensure to fetch maximum power from PV Panels irrespective of the environmental factors such as temperature & Solar irradiation and transfer it to connected battery bank. Due to MPPT, it typically delivers 20~30 % extra energy in batteries than conventional PWM based chargers and it delivers way higher power in batteries than the panel directly connected to the battery.



Salient Features :

- ✘ DSP based Programmable control
- ✘ Maximum Power Point Tracker (MPPT)
- ✘ High Efficiency performance (>98%)
- ✘ Multi function LED indication (in 1KW onward)
- ✘ Intelligent Charging for longer battery life
- ✘ Reverse current flow protection from battery during no Sun.

Particular	MPPT-1225	MPPT-2440	MPPT-4840
From Solar			
Max. Solar Input Power	500W	1000W	2000W
Max. Open Circuit Voltage (Voc)	50Vdc	90Vdc	180Vdc
Operating Range(Vmp)	18~40Vdc	36~75Vdc	72~150Vdc
To Battery			
Battery Charging Current (max.)	25A dc	40A dc	40A dc
Battery Voltage	12Vdc	24Vdc	48Vdc
Peak Charger Efficiency	98%		
Operating Temperature	0~50°C		
Dimension (LxBxH) in mm	205x80x140	300x275x140	
Protection	Panel Reverse	Panel Reverse, Battery Reverse, Battery Overcharge, Lightning Protection	
Indication(LED)	Solar ON/ Battery charging	Solar ON/Charging, Battery Reverse, Battery status (Excellent, Good, Poor)	

Disclaimer : Due to constant quality improvement at our R&D center, specifications/models may change without prior notice.

To know more, visit our ELWORLD showroom at B-25, Lajpat Nagar -II, Delhi
Call 1800-3000-7799 | SMS ELSOLAR to 56161 | www.elsolar.in



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