

MPPT CHARGE CONTROL DATASHEET 20/30/40 A



MODELS	LXR-MPPT-120D	LXR-MPPT-130D	LXR-MPPT-140D
System Voltage	12/24 V	12/24 V	12/24 V
Max Operating Current	20A	30A	40A
Max. Input Voltage of PV	<60V	<100V	<100V
Charge Voltage	13,8 / 27,6V	13,8 / 27,6V	13,7 / 27,6V
Low Voltage Protection	10,8 / 21,6V	10,8 / 21,6V	10,8 / 21,6V
Size (mm)	180x123x50	219x146x70	219x146x70
Weight (gr)	800	1300	1300
Terminal Wiring	10mm ² /7AWG	16mm ² /5AWG	16mm ² /5AWG
Rated Discharge Current	10A	20A	20A
Battery Type	User default, Sealed, Flooded, GEL, LiFePO ₄ , Li(NiCoMn)O ₂		
Duration of absorption charging	2hs		
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Protection class	IP30		
Grounded type	Positive grounded		

Important Safety Information

- It is better to install the controller in the room. If installed the controller outside; please keep the environment dry, avoid direct sunlight.
- The controller will be hot in process of working, please keep the environment ventilation, away from flammable.
- The open circuit voltage of solar panel is too high, (especially 24V system), please take care.
- The battery has acidic electrolysis, please put on goggles during installation. If you accidentally exposed to the electrolysis, please rinse with water.
- The battery has huge power, prohibit any conductor short circuit the positive and negative pole

ENVIRONMENT

Humidity	5% to 95% Relative Humidity (Non - condensing)
Operating Temperature	-20°C - +55°C
Storage Temperature	-30°C - +80°C