

LESSO



MPPT Solar Charge Controller

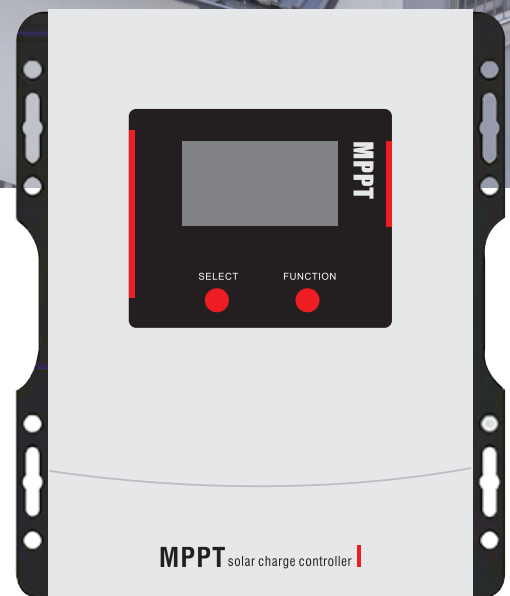
>> Models:

LSSM40A-A01

LSSM80A-A01

LSSM60A-A01

LSSM100A-A01



LESSO MPPT Solar Charge Controller

MPPT Model	LSSM40A-A01	LSSM60A-A01	LSSM80A-A01	LSSM100A-A01
System rated voltage	96VDC			
Controller operating voltage range	72~128V			
Lead-acid battery type	Maintenance-free (default)/colloid/liquid/custom			
Lithium battery type	Lithium Iron Phosphate/Ternary Lithium/Custom			
Rated charging current	40A	60A	80A	100A
Rated charging power	4160W/96V	6240W/96V	8320W/96V	10400W/96V
Maximum open circuit voltage of photovoltaic modules	250V (under the lowest temperature condition) 225V (under 25°C)			
Maximum power point operating voltage range	12V system	(96V system)128~250VDC		
	24V system			
	36V system			
	48V system			
Tracking efficiency	≥99.5%			
Maximum conversion efficiency	98%			
Temperature compensation coefficient	-3mV/°C/2V			
Static loss	40mA/96V		83mA/96V	
Protective function	PV input reverse connection protection, battery input reverse connection protection, battery overcharge protection, battery undervoltage protection, battery over temperature protection, machine over temperature protection			
Cooling method	Wind cooling			
Way of communication	RS485			
LCD backlight time	Default 60S, backlight mode can be set			
Working environment temperature range	-20°C~+50°C			
Storage temperature range	-40°C~+70°C			
Relative humidity range	0~90%RH			
Dimensions	219*260*110mm	219*260*110mm	275*348*109mm	275*348*109mm
Recommended wiring	7AWG/10mm ²	6AWG/16mm ²	4AWG/25mm ²	2AWG/35mm ²
Net weight	2.62kg	2.62kg	4.6kg	5.2kg

Remarks: Specifications are subject to change without notice.