

Max series 10/20/30/40/50/60A

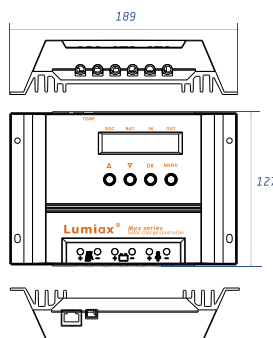
LCD display, 12/24V, solar charge controller

With your new Max controller you own a state-of-the art device which was developed according to the latest available technical standards.

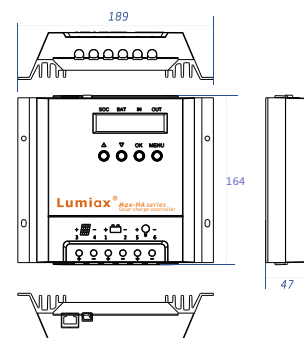
It comes with a number of outstanding features, such as:

- LCD display
- One year's data memory
- 12V/24V automatic recognition
- External temperature sensor, make the temperature compensation more accurate
- Perfect EMC design
- Many choices of battery type, working mode and protection
- Four stage PWM charge way: fast, boost, equalization, float
- Full automatic electronic protect function

Dimensions&Module



The size of Max20/30/40



The size of Max50/60

Technical Datasheet

		Max 10	Max 20	Max 30	Max 40	Max 50	Max 60
System voltage		12V/24V automatic recognition					
Max solar current or load current		10 A	20 A	30 A	40 A	50 A	60 A
Float voltage		13.0~14.5V/26.0~29.0V, Default: 13.7V/27.4V (25°C)					
Fast voltage		14.0V/28.0V					
Boost voltage		14.0~15.0V/28.0~30.0V, Default: 14.5V/29.0V (25°C)					
Equal voltage		14.0~15.5V/28.0~31.0V, Default: 14.8V/29.6V (25°C)					
Day/Night threshold		3.0~7.5V/6.0~15.0V, Default: 3.0V/6.0V					
Load disconnect voltage	Soc	20~70%, Default: 30%					
	Voltage	11.0~12.5V/22.0~25.0V, Default: 11.1V/22.2V					
Load reconnect voltage	Soc	40~90%, Default: 50%					
	Voltage	11.8~13.3V/23.6~26.6V, Default: 12.6V/25.2V					
Battery type		Liquid, Gel					
Nominal capacity		10Ah~9990Ah, Default: 300Ah					
Low voltage protection mode		Soc, Voltage					
Load mode		Auto, Standard, Timer					
Light on delay		00:00 - 02:00 (Internal 5min)					
Light off delay		00:00 - 02:00 (Internal 5min)					
Night time 1		00:00 - 09:00 (Internal 15min)					
Night time 2		00:00 - 09:00 (Internal 15min)					
Temperature compensation		-4.17 mV/K per cell (Boost and Equal charge), -3.33 mV/K per cell (Float charge)					
Max solar voltage		55 V					
Max battery voltage		40 V					
Dimensions/Weiht		127*189*47mm / 550g				164*189*47 / 690g	
Max wire size		25mm²				50mm²	
Max power consumption		13.8mA				15mA	
Temp. Range during operation		-10°C ~ +60 °C					
Storage temperature		-25°C ~ +80 °C					
Relative humidity		10%~90% Non-condensation					
Case protection		IP32					