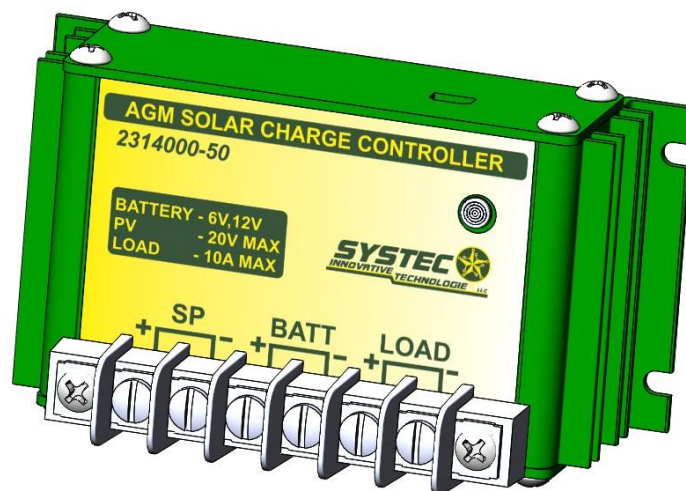


## 30W SOLAR CHARGE CONTROLLER



Systec's 30W Solar Charge Controller is perfect for small battery charging applications of 30W or less.

Our sealed lead acid controller automatically detects battery voltages of 6 or 12Vdc, while the LiFePo4 charger handles 12Vdc Lithium batteries.

Each controller is housed in an extruded aluminum housing for good thermal management. The enclosure is NOT water proof and should be protected from the elements.

The charging algorithm is temperature compensated when using the included temperature sensor.

The LiFePo4 charger also includes a 2A heater output for charging lithium batteries below freezing temperatures. The heater is powered from the solar input, and does not drain the battery.

Part Number, AGM	2314000-50
Part Number, LiFePo4	2314000-00
Max Solar Panel Voltage	20Vdc
Max Solar Panel Current	2A
Max Load Current	15A
Temp Sensor	10K Thermistor
Temp Compensation 12V	-18mV/°C
Temp Compensation 6V	-9mV/°C

Chemistry	Sealed Lead Acid		LiFePo4
Battery	6V	12V	12V
Regulation V	7.2V	14.4V	14.4V
Float V	6.8V	13.7V	13.7V

# DATASHEET

