



SC540 | PREMIUM RV

# 40A 12~48V MPPT WITH 100V SOLAR CHARGE CONTROLLER

This premium 40Amp, 100V input solar controller used for large solar arrays is the perfect Maximum Power Point Tracking (MPPT) controller ideal for high end installations.

**40 AMP**  
12/24/48 VOLT



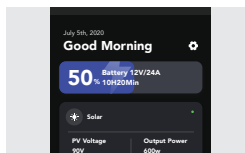
**LITHIUM**  
BATTERY COMPATIBLE



## KEY FEATURES

### BLUETOOTH

Bluetooth connectivity provides solar charging information remotely via smart phone



**HIGH CURRENT CHARGING**  
40A model for high current charging



### SOLAR INPUT

100V open circuit voltage allows for solar panels to be wired in series for maximum efficiency



### SOLAR CONTROLLER

98.2% efficient MPPT (Maximum Power Point Tracking) solar controller maximizes the sun's radiation and converts it to power



### MULTI-CHEMISTRY

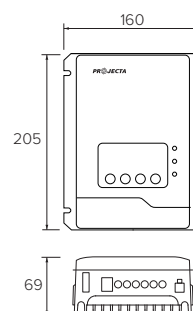
Set the charging profile to suit battery chemistry type: Wet, AGM or Gel, or Lithium



## SPECIFICATIONS

PART NO.	SC540
BATTERY VOLTAGE	12/24/48V
MAXIMUM SOLAR VOLTAGE	100V
STANDBY CURRENT	1mA at 12V, 3mA at 24V, 5mA at 48V
CHARGE TYPE	5 Stage
INPUT	100V
OUTPUT	40A
CONTROL TYPE	MPPT
BATTERIES SUPPORTED	Gel, AGM, Wet, Lithium
TEMPERATURE COMPENSATION	-18mV/12V
COMMUNICATION	Bluetooth, RS485
STORAGE TEMPERATURE	-40~70°C
HUMIDITY	5~95%
IP RATING	IP31
WEIGHT	1.4kg
COOLING	Convection
APPROVALS	EMC

**3**  
YEAR  
WARRANTY



[www.a1batterypro.com.au](http://www.a1batterypro.com.au)