



SOLAR PANELS
& CONTROLLERS

SC245 | SMART CONTROLLER

4 STAGE AUTOMATIC SOLAR CHARGE CONTROLLER

45 AMP
12 / 24 VOLT

Ideal for larger deep cycle battery banks often found in motor homes, houseboats and remote shacks. This sophisticated controller boasts a host of intelligent features enabling the user to customise the charge settings to maximise battery life and performance.



KEY FEATURES

DIGITAL LCD SCREEN

Displays battery voltage, charging current, charging capacity, fault codes and more



DUAL USB PORTS

5V 2.4A USB ports for powering direct from controller



MULTI-CHEMISTRY

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



LOW VOLTAGE DISCONNECT

Set the disconnect voltage point to best suit application, protecting batteries from over discharge



TEMPERATURE SENSOR

Built-in sensor enables unit to optimise charge performance and offer additional protection. Optional sensor probe also available



SPECIFICATIONS

PART NO.	SC245		
INPUT	12V or 24V		
MAX INPUT	50Vdc, 45A		
MAX CHARGE/LOAD	45A		
MAX PANEL SIZE	540W (12V)		
BATTERY	12V or 24V		
CHARGE CONTROL	4 Stage Charging	12V	24V
	Bulk/	Absorption	Gel: 14.2V 28.4V
			AGM: 14.4V 28.8V
			Wet: 14.7V 29.4V
	Equalisation:	Gel:	- -
			AGM: 14.6V 29.2V
			Wet: 14.8V 29.6V
Float:	13.8V 27.6V		
NEGATIVE SWITCHING	Yes		
LVD DISCONNECT	12V: Default 11.1V	User Set 9-17V	
	24V: Default 22.2V	User Set 18-34V	
LVD RECONNECT	12V: Default 12.6V	User Set 9-17V	
	24V: Default 25.2V	User Set 18-34V	
APPROVAL	EMC		
IP RATING	IP22		

Optional Accessories:
SC3TMP External temperature sensor probe

