



SC220 | SMART CONTROLLER

4 STAGE AUTOMATIC SOLAR CHARGE CONTROLLER

Ideally suited to solar panels producing up to 20 Amps, the SC220 is a sophisticated solar controller that delivers a comprehensive 4 stage charging process and the ability to tailor its settings to best suit the selected battery type.

20 AMP
12 / 24 VOLT



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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

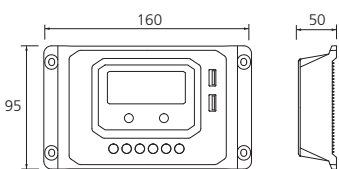


TEMPERATURE SENSOR
Built-in sensor enables unit to optimise charge performance and offer additional protection. Optional sensor probe also available



SPECIFICATIONS

PART NO.	SC220		
INPUT	12V or 24V		
MAX INPUT	50Vdc, 20A		
MAX CHARGE/LOAD	20A		
MAX PANEL SIZE	240W (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