



IR220 - PWM 12/24V 20AMP SOLAR CONTROLLER

Charge Controller LED Information

Green Light – Charge Indicator

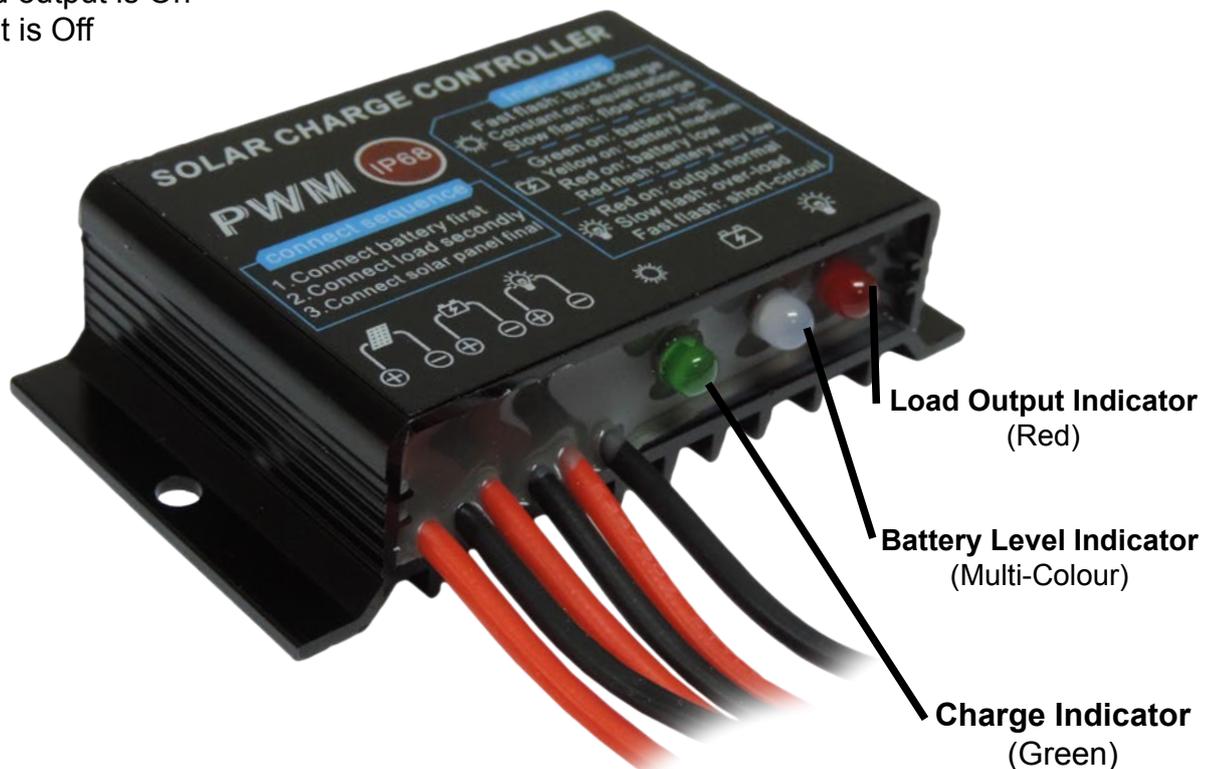
Solid Green – Solar input, battery is charging (Bulk/Absorption)
 Slow Flashing Green – Battery is charged (Float mode)

Multicolour Light – Battery Level Indicator

Green – Battery is 12.3 volts or higher.
 Orange – Battery is 12 volts.
 Red – Battery is 11.5 volts.
 Flashing Red – Battery is 11 volts or lower.

Red Light – Load Output Indicator

Solid Red – Load output is On
 Off – Load output is Off



Model	IR220
System Voltage	12V/24V
Max PV Panel VOC	41V
Max PV Panel ISC	20A
Charging Current	20A
Min Operating Voltage	6V
Charging Voltage - Absorption	14.3V / 28.6V
Charging Voltage - Float	13.8V / 27.6V
Low Voltage Disconnect	11.5V / 23V
Low Voltage Reconnect	12.6V / 25.2V
LxWxH (mm) - Weight	82x45x20 - 0.12Kg

Note: Solar charge controller requires connection to the battery to operate charging circuit, therefore there will be NO output from the leads when not connected to a battery.