



## Solar Regulator Series



- Auto selects system
- Industry leading low self consumption
- Load disconnect output
- 3 LED battery status indicator
- 2 year warranty (extension option available)
- Compact and light weight
- Solid-state design
- Models available: 20A, 30A at 12/24V, 30A at 36/48V

The WSR solar regulator series offer a cost effective solution for small to medium solar installations. It offers all the essentials needed to protect expensive batteries from damage due to over charging or extensive drainage. Four models are available to best match cost to requirement.

Each unit will automatically sense and select the working system voltage at start-up and present the selection to the user by flashing all three LEDs simultaneously: 12V (one flash), 24V (two flashes), 36V(three flashes) and 48V(four flashes).

Quick select a model according to system voltage and solar panel (PV) rating:

Model	20A	30A
Use with 12V PVs up to	300W	450W
Use with 24V PVs up to	600W	900W
Use with 36V PVs up to	---	1350W
Use with 48V PVs up to	---	1800W

Technical information:

System voltage	12V	24V	36V	48V
Max PV voltage (Voc)	42V	55V	75V	90V
PV disconnects at	14.7V	29.4V	44.1V	58.7V
PV reconnects at	13.8V	27.7V	41.3V	55.2V
Load disconnects at	11.4V	22.8V	34.2V	45.7V
Load reconnects at	12.8V	25.6V	38.3V	51.1V
Max self consumption	0.06W	0.12W	0.18W	0.24W

Other features:

- Weight: <75g
- Dimensions: 72 x 50 x 27mm
- Max wire size: 10AWG (4mm sqr)

For more information please visit our website:

[www.WRND.co.za](http://www.WRND.co.za)

