

DATASHEET

ISL RS1/RS2/RS3/RS5

RESIDENTIAL
ROOF TOP SOLUTIONS

5 YEAR PRODUCT WARRANTY

PRODUCT WARRANTY
5 YEARS

COMPONENTS

- Solar modules from 1000 Wp to 5000 Wp
- Maintenance free Long-life, deep-discharge cycle batteries ranging 150 Ah to 200Ah
- Forced cooled IP21PCU ranging from 1000 VA to 5000 VA
- Sturdy Galvanised Iron structure

INDIA

3C/1, EcoTech-II, Udyog Vihar,
Greater Noida-201 306,
Dist: Gautam Budh Nagar, [U.P.] INDIA

www.indosolar.co.in

KEY FEATURES



High efficiency long-life Indosolar modules with 35 years power output warranty



Maintenance free, deep discharge long-life lead acid batteries



Top quality balance of components



Ground mounted forced cooled IP21 power conditioning unit



Operating temperature range from 0 to 45° and upto 95% relative humidity



Sturdy galvanized iron structure designed to withstand wind load

DATASHEET ISL RS1/RS2/RS3/RS5

Our products in the range	RS1	RS2	RS3	RS5
Power rating	1kW	2kW	3kW	5kW
Load and usage duration	800W/4Hrs	1600W/4Hrs	2400W/4Hrs	4000W/4Hrs
PCU	1kVA/1Ph/MPPT	2kVA/1Ph/MPPT	3kVA/1Ph/MPPT	5kVA/1Ph/MPPT
Over-load capacity (for 4 minutes)	25%	25%	25%	25%
PCU mounting type	Floor-mounted	Floor-mounted	Floor-mounted	Floor-mounted
Operating modes	1. Stand alone 2. Off line 3. Grid interactive			
Battery charging priority	User selectable Solar/Grid			
Voltage operation range on AC mains (V _{ac})	230+/-10%			
Peak efficiency	>=83%	>=85%	>=85%	>=89%
Monitoring	RS 232/Ethernet, GSM/GPRS Modem Connectivity, S/W Solarmon			
PCU status indicators	LCD display			
No load energy saving mode	Automatic			
Standard	IEC 62040-3, IEC-61683, IEC-60068			

BATTERY				
Voltage	48 VDC	48 VDC	48 VDC	96 VDC
Max. Grid Charging Current	14 A	29 A	43 A	35 A
Type	SMF/Lead Acid Wet-Cell			

ENVIROMENTAL	
Operating temperature	0 to 45°
Storage temperature	-10 to +55°C
Relative humidity	Upto 95% RH Non Condensing
Acoustics Noise	<1000 meter above sea Level