



INTELENERGI
Lightening Your Tomorrow

Solar PV Modules



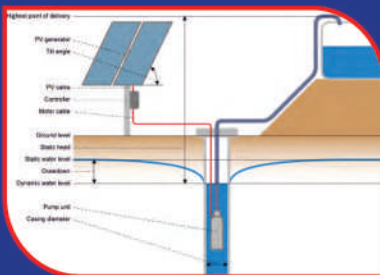
- Highly Reliable
- Powerful, Strong & Elegant
- Excellent Low Light Performance
- Maximum Efficiency with Improved Power
- High Maximum Voltage Reduce BOS Cost
- Certifications complied: IEC 61215, IEC 61730



Key Features

- Superior Module Efficiency in line with International standards
- EXTREMELY RELIABLE PRODUCT suiting harsh environment conditions withstanding 2400Pa Wind load, 5400Pa Snow load.
- Positive Power Tolerance 0 / + 5W
- PID Resistant Modules
- Glass with Anti Reflective Coating (Improves light transmission)
- Salt mist, Ammonia and Hail Resistant
- System voltage: 1500VDC to reduce the BOS cost.
- Extremely NARROW POWER BINNING TOLERANCE of +2.5 Wp to reduce current mismatch loss in single string.
- HIGHER OUTPUT OF MODULE POWER by reducing cell to module power loss
- Designed for very HIGH AREA EFFICIENCY ideally suited for roof-top and ground-mounted applications.
- Engineered to provide EXCELLENT LOW LIGHT RESPONSE

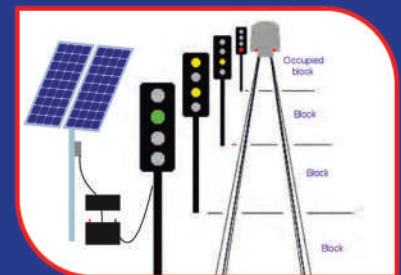
Application Area



Water Pumping



Petrol Pump



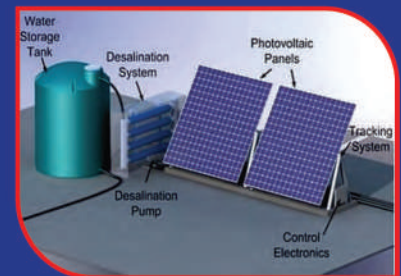
Railway Signaling & Lighting Systems



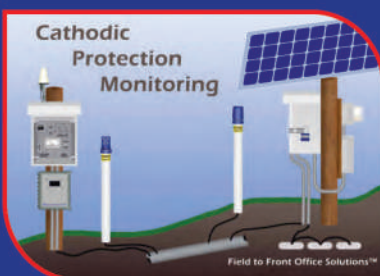
Rural Radio Phones & Exchanges



Offshore Platforms



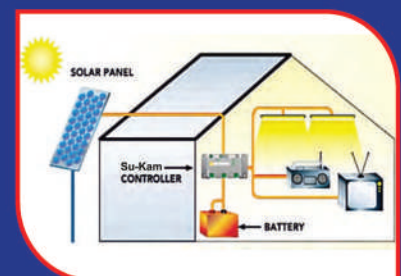
Desalination Plants



Cathodic Protection Systems



Offshore Platforms

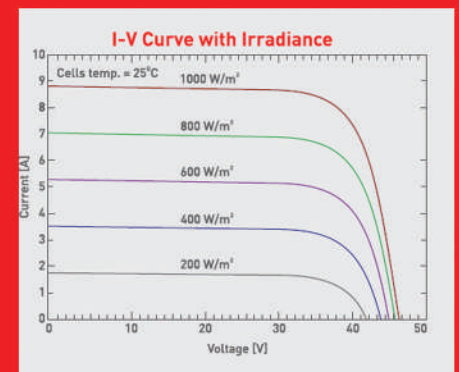
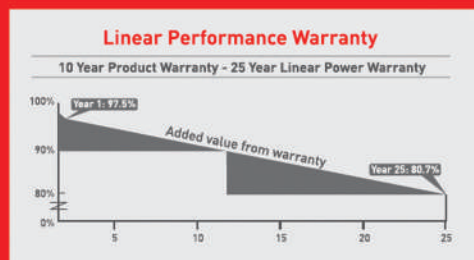
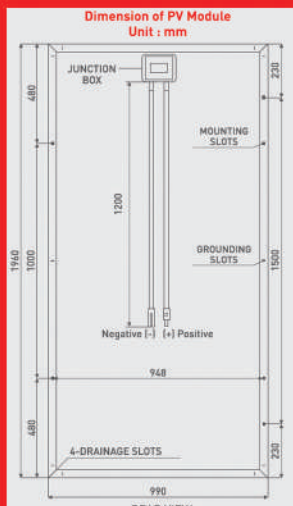


Domestic Lighting Systems

Technical Specifications

Model	AS-10Wp	AS-50Wp	AS-80Wp	AS-100Wp	AS-150Wp	AS-260Wp	AS-300Wp	AS-310Wp	AS-320Wp	AS-330Wp
Electrical Data - Standard Test Conditions										
Nominal maximum power (Pmax)	10W	50W	80W	100W	150W	260W	300W	310W	320W	330
Optimum operating Voltage (Vmp)	17.6V	16.2V	18.0V	18.0V	18.02V	31	36.0V	37	37.1	37.25
Optimum Operating Current (Imp)	0.57A	3.09A	4.44A	5.55A	8.33A	8.39	8.33A	8.38	8.63	8.86
Open Circuit Voltage (Voc)	21.6V	20.2V	23.3V	21.5V	21.5V	37.4	43.2V	45.5	45.8	45.94
Short Circuit Current (Isc)	0.62A	3.36A	5.01A	6.38.A	9.9A	9.27	9.58A	8.85	9.1	9.41
Operating Temperature	-40°C~+85°C									
Maximum System Voltage	1000V (IEC)/600V (UL)						1000V (IEC)/1000V (UL)			
Maximum Series Fuse Rating	10A					15A				
Power Tolerance	±5W									
Mechanical Data										
Cell Type	Polycrystalline									
Cell Arrangement	36 (4x9)	36 (3x12)	36 (3x12)	36 (3x12)	36 (4x9)	60 (6x10)	72 (6x12)			
Dimensions	280x335x25	665x555x25	666x796x35	666x1006x35	666x1483x35	1640x990x35	1960x990x35			
Weights	1.4 (kg)	4.7 (kg)	7.0 (kg)	9.0 (kg)	12.2 (kg)	22.0 (kg)	22.5Kg			
Front Cover	Tempered Glass									
Back Sheet	Composite Film									
Cell Encapsulation	EVA- Ethylene Vinyl Acetate									
Frame	Anodized Aluminum Alloy									

STC: Irradiance 1000W/m², Module Temperature 25°C, Spectrum AM 1.5



Introduction of Company

From a modest start in early 2000 we invested lot of time, effort and money solving the customer's problem in the areas of power. Today we can't imagine life without electricity. We always strive to offer a suitable products which can help customers address their issues of Power in their life.

After successfully developing market, customer awareness and establishing a few brands in more than 50 countries. With growing awareness of global warming & focus on green energy, we have been evaluating the Energy storage, Renewable energy, storage products and electrical solution, we have networked best innovations available in each field. Keeping our core values at centre we are committed to bring innovative solutions innovatively as a competitive value with our vision to improving the quality of life.

"Our teammates – the right people- right partner – are our company's strength and our greatest competitive advantage."



Solar Module



MPPT Based
Solar Hybrid PCU

Product Range



Deep Cycle VRLA
AGM & GEL Batteries



Tall Tubular Batteries



Solar Hybrid PCU

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