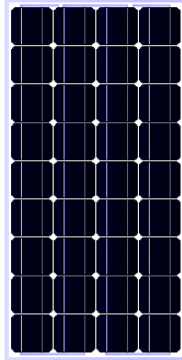


Product SPECIFICATION SHEET



SLP100S-12



Mechanical characteristics

Cell Type	Mono-crystalline 125×125mm
No. of Cells	36(4×9)
Dimensions	1200×550×30mm
Weight	9.0kgs
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65 Rated
Output cables	2.5mm ² cable 90cm+mc4
Quantity/cartons	5pcs

Product Standard

Product Performance	IEC61215
Product Safety	IEC61730

Specifications

Model Type	SLP100S-12
Peak Power(Pmax)	100.00
Maximum Power Voltage(Vmp)	18.30
Maximum Power Current(Imp)	5.47
Open Circuit Voltage(Voc)	22.42
Short Circuit Current(Isc)	5.99
Cells Efficiency(%)	17.94
Module Efficiency(%)	13.77
Maximum System Voltage(V)	1000
Maximum Series Fuse Rating(A)	10
Power Tolerance	0 ~ +3 %
Pmax Temperature Coefficients(W/°C)	-0.400 %
Voc Temperature Coefficients(V/°C)	-0.290 %
Isc Temperature Coefficients(A/°C)	+0.048 %
NOCT Nominal Operating Cell Temperature	47±2
Operating and Storage Temperature(°C)	-40 ~ +85
Standard Test Condition(STC)	1.000W/m ² ; AM 1.5; 25+/-2°C

Key Features



5 Busbar Cell:
5 Busbar Solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance making it perfect for rooftop installation and application



High Efficiency
High Module conversion efficiency, through innovative manufacturing technology



Low-Light Performance
Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments



Serve Weather Resilience
Certified to withstand : wind load(2400Pa) and snow load (5400Pa)

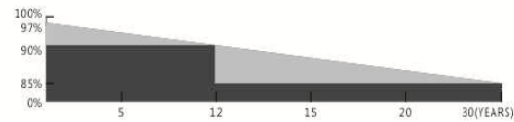


Durability against extreme environmental conditions
High salt mist and ammonia resistance certified by TUV



0 ~ +5W Positive Tolerance
Detailed information in Electrical Specifications

Linear Performance Warranty



12 YEARS

Guarantee on product material and workmanship

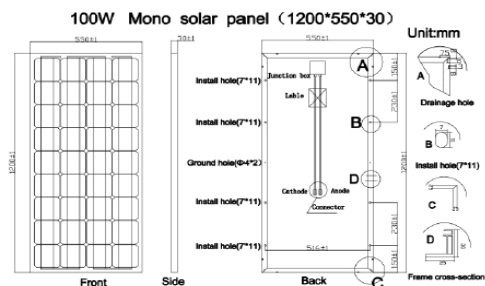
30 YEARS

Linear Power output warranty

Certification



Drawing Picture



BRANCH CONTACT DETAILS

Johannesburg	010 202 3300
Germiston	011 418 9600
Cape Town	021 510 0710
Pinetown	031 700 4215
Riverhorse	031 492 4800

NATIONAL CALL CENTRE

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Technical	010 202 3500

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