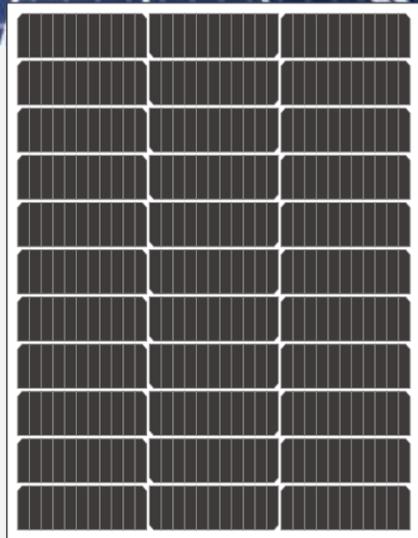


HIGH PERFORMANCE MONOCRYSTALLINE PERC MODULE



KEY FEATURES

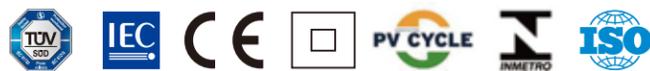
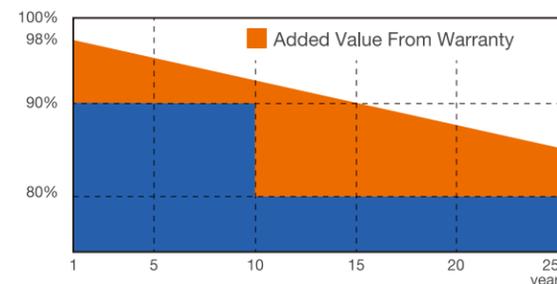
-  Excellent PID RESISTANT
-  High Power Output
-  High transmission, Low Iron Tempered Glass
-  Bypass Diodes Protection
-  Salt Mist And Ammonia Resistance Test
-  Long time cooperation with Tier1 brands
-  Industry lowest thermal co-efficient of power
-  Excellent low irradiance performance
-  Module Imp binning radically reduces string mismatch losses

MONO SOLAR PANEL M10-M33-80W~90W

33 CELL Mono PREC Module
21.15% Maximum Efficiency

Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



Module Type M10-M33-80W~90W

Mechanical Specification

Cell Type	Mono 182*60.6mm
Dimension (L*W*T)	740*575*30mm
Weight	4.5kg
Packing	Carton or Pallet or As Per Requested
Output Cable (including connector)	2.5mm ² , 900mm in Length or As Per Requested
No. of Cells	33 (3*11)
Glass	3.2mm High Transmission, Antireflection Coating
Junction Box	IP68, 3 Bypass Diodes
Connector	MC4

Operating Parameters

Maximum System Voltage	1000VDC
Operating Temperature	-40 C ~+85 C
Maximum Series Fuse Rating	25A
Snow Load, Frontside	5400Pa
Wind Load, Backside	2400Pa
Nominal Operating Cell Temperature	45 C ±2 C
Application Level	Class A

STC-Electrical Characteristics

	80W	85W	90W
Maximum Power (Pmax/W)	80W	85W	90W
Open-circuit Voltage (Voc/V)	22.74	22.98	23.21
Maximum Power Voltage (Vmp/V)	19.11	19.31	19.51
Short-circuit Current (Isc/A)	4.44	4.67	4.89
Maximum Power Current (Imp/A)	4.19	4.40	4.61
Module Efficiency (%)	18.80	19.98	21.15
Tolerance (%)		±2%	
Temperature Coefficient of Isc		0.05%/C	
Temperature Coefficient of Voc		-0.31%/C	
Temperature Coefficient of Pmax		-0.35%/C	
Standard Test Environment (STC)	Irradiance 1000W/m ² , Cell temperature 25 C, Spectrum AM1.5		

WARRANTY

- 10-year Material & Technology Warranty
- 25-year Linear Power Output Warranty

Dimension of PV Modules Unit : mm

