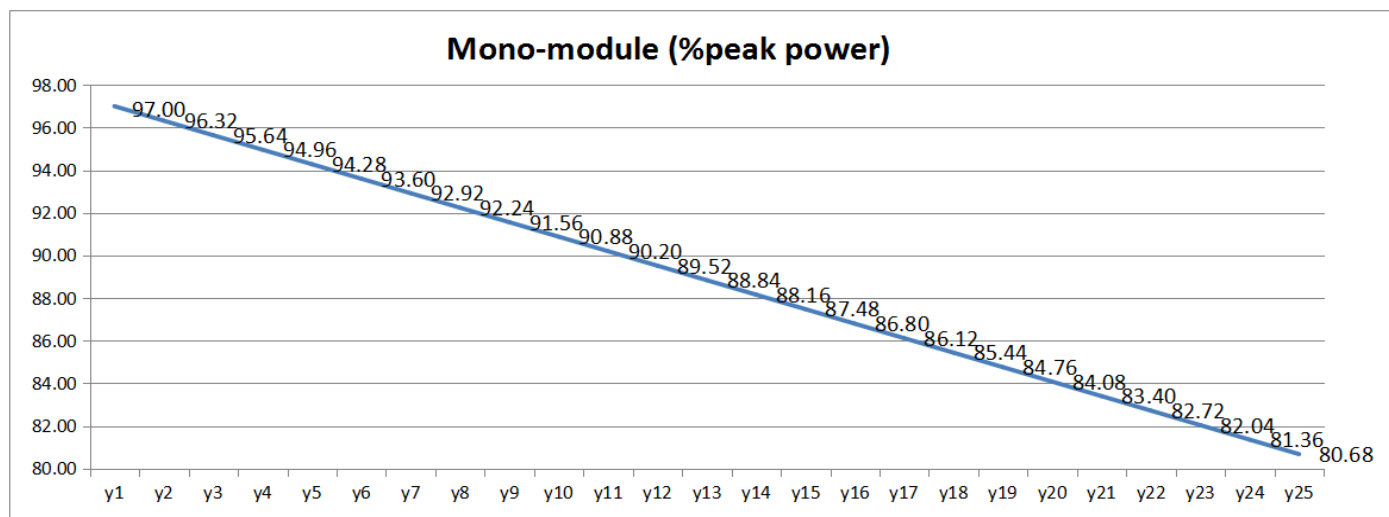


ELECTRICAL DATA	
MODEL	SUNM280
Maximum Power(W)	280
Maximum Power Voltage(Vmp)	31.4
Maximum Power Current(Imp)	8.91
Open Circuit Voltage(Voc)	39.3
Short Circuit Current(Isc)	9.38
Cell Efficiency(%)	19.60%
Module Efficiency(%)	17.60%
Tolerance Wattage(%)	0±3%
Maximum System Voltage	1000V
NOCT	47°C +/-2°C
Series Fuse Rating(A)	15

NOTE: The specifications are obtained under the standard test condition(STC): 1000w/m², solar irradiance,AM1.5,cell temperature 25C°

MECHANICAL DATA	
Cell Type	Mono 156x156mm
Number Of Cells	60(6x10)
Module Dimension	1640x992x40mm
Weight	18.5kgs
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	6 or 12
Cable & Connector Type	4mm Pass the TUV Certificate
Frame(Material Corners,etc.)	Anodized aluminium alloy
Backing(Brand Type)	TPT
WORKING CONDITIONS	
Maximum Surface Load Capacity	Tested up to 5400pa according to IEC
Hail	Max diameter of 25mm with impact speed of 23m/s
Temperature Range	-40 to / +85°C

Warranted Power Output Power Warranted



- 25-year linear power output warranty no less than 80% power output
- 10-year linear power output warranty no less than 90% power output
- 10- years product warranty
- 0 to +5W positive tolerance for mainstream products
- 48 hour-response service
- EL screening to eliminate products defects
- Fire Test covered
- High salt mist and ammonia resistance certified by TUV
- Withstand high wind loads and snow loads(5400pa)
- Anti-reflective highly transparent,low iron tempered glass



4 Busbar PV Cells guaranteeing higher efficiency and durability



High PID guaranteed



Improved low light performance



Designed for extreme weather locations: Module is certified to withstand wind loads of 2400 Pa and snow loads of 5400 Pa

