

**KEY FEATURES**

**Superior Warranty**

PID RESISTANT

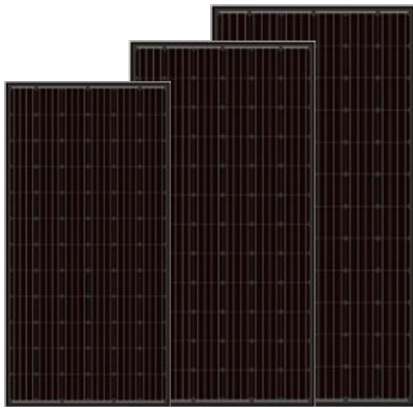
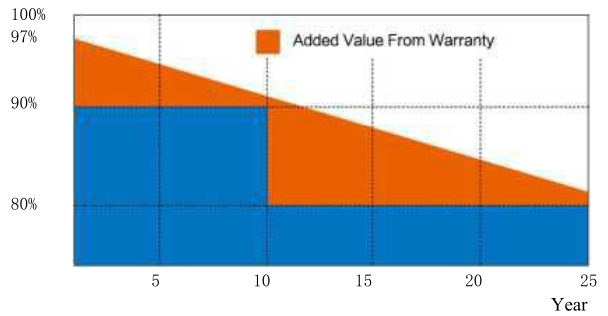
- 10 -year product warranty
- 25-year linear power output warranty

High Power Output

High transmission, low Iron  
Tempered Glass

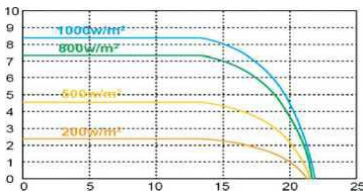
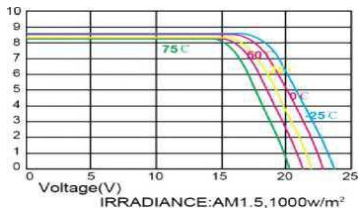
Bypass Diodes Protection

Salt Mist And Ammonia  
Resistance Test

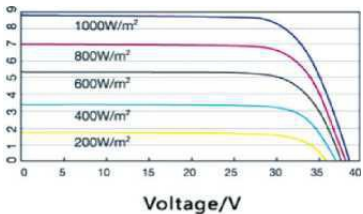


**I-V CURVES- 180**

**MECHANICAL CHARACTERISTICS**



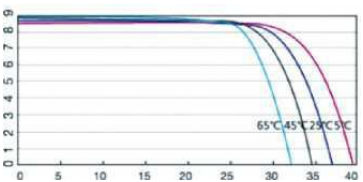
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	4mm², 90cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa



**I-V CURVES- 280**

**TEMPERATURE COEFFICIENT**

NOCT	47°C (±22)
Temperature Coefficient of Pmax	-0.45%/°C
Temperature Coefficient of Voc	-0.35%/°C
Temperature Coefficient of Isc	0.05%/°C
Operating Temperature	-40°C ~ +85°C



**ELECTRONICAL CHARACTERISTICS**

Module Type	XTMONO180AB	XTMONO280AB	XTMONO360AB
Maximum Power(Pmax)	180W	280W	360W
Maximum Power Voltage(Vmp)	19.5V	31.5V	38.9V
Maximum Power Current(Imp)	9.25A	8.88A	9.25A
Open Circuit Voltage(Voc)	23.75V	36.85V	45.51V
Short Circuit Current(Isc)	9.75A	10.38A	10.82A
Number of Cells	36(4*9)	60(6*10)	72(6*12)
Size of Cells(mm)	156.75*156.75	156.75*156.75	156.75*156.75
Dimensions(mm)	1480*680*30	1640*990*35	1950*990*35
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

**I-V CURVES- 360**

