

## YS280-315DM/Monocrystalline Double Glass 60 Series 280W/285W/290W/295W/300W/305W/310W/315W

**10**  
Years

Product warranty

**25**  
Years

Linear power  
output  
warranty



### High output efficiency

PID Free ensuring high efficiency output of the system.



### Superior weak light effect

Excellent module efficiency in the weak light conditions.



### Excellent loading capacity

Passed mechanical load testing 5400Pa



### Strong adaptability

Passed TUV salt mist and ammonia resistance testing.



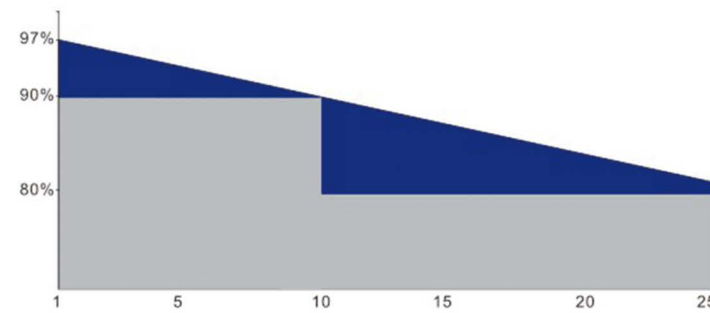
### Easy Installation

Suitable for a variety of applications



### Durability

High quality raw materials and fine workmanship



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## SPECIFICATION

Module	YS280DM-60	YS285DM-60	YS290DM-60	YS295DM-60	YS300DM-60	YS305DM-60	YS310DM-60	YS315DM-60
Maximum Power ( Pmax W )	280	285	290	295	300	305	310	315
Open-circuit Voltage ( Voc V )	38.4	38.5	38.7	39.4	39.8	40	40.2	40.4
Maximum Power Voltage ( Vmp V )	31.7	31.8	32.2	32.5	32.7	32.9	33.1	33.3
Short-circuit Current ( ISC A )	9.44	9.49	9.59	9.75	9.81	9.84	9.86	9.88
Maximum Power Current ( Imp A )	8.84	8.96	9.02	9.08	9.18	9.26	9.37	9.46
Module Efficiency STC ( % )	17	17.3	17.6	17.9	18.2	18.5	18.8	19.2
Power Tolerance	0~+5W							
Temperature coefficients of Isc ( A-Isc )	+0.050%° C							
Temperature coefficients of Voc ( B-Voc )	-0.290%° C							
Temperature coefficients of Pmax ( C-Pmp )	-0.380%° C							
Standard Testing Condition ( STC )	Irradiance 1000W/m <sup>2</sup> , Cell Temperature 25° C ± 2, AM1.5G							

Remark: The technical specification belongs to monocrystalline 60-cell module only.

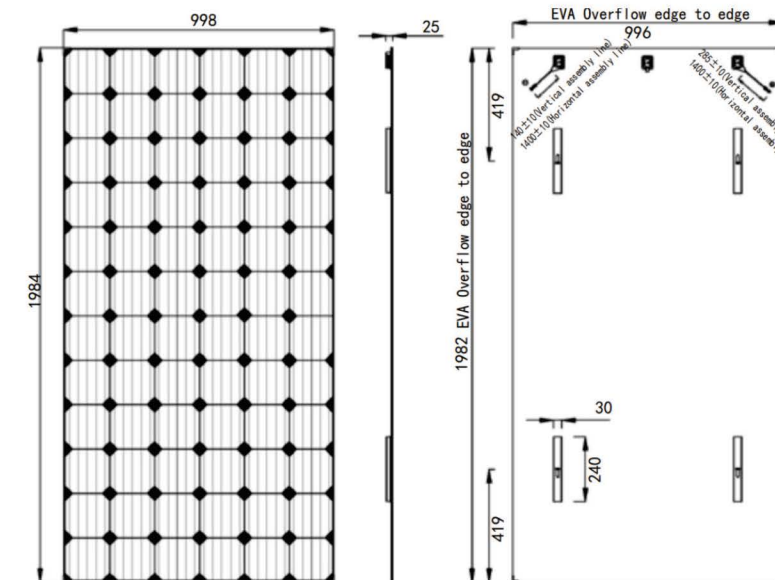
## SPECIFICATION

Module Type	Monocrystalline
Dimension	1664*998*7.6 ( mm )
Weight	23.5 ( kg )
No. of Cells	60 ( pcs )
Packing	33sets/ctn

## APPLICATION

Maximum System Voltage	1000V/1500V DC ( IEC )
Operating Temperature	-40° C ~ +85° C
Maximum Series Fuse Rating	15A ( ≤290W ) 20A ( ≤295W )
Nominal Operating Cell Temperature ( NOCT )	44 ± 2° C
Application Class	Class A

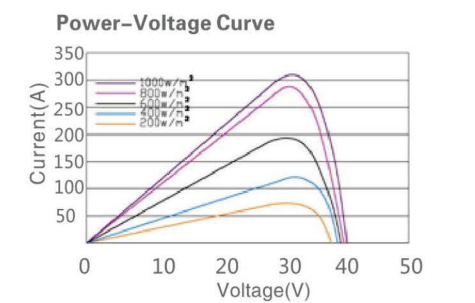
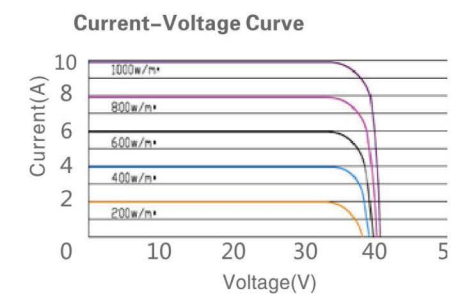
## Engineering Drawing



Front

Frame Size

## Linear Characteristic



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YS SOLAR reserves the final right for explanation on any of the information presented hereby.