

STELLA-60S

Monocrystalline Solar Module

60_{cells}

Monocrystalline
Module

18.2%

Maximum
Efficiency

280-300_W

Output Range

0~+5_W

Output
Guarantee

12_{years}

Product

30_{years}

Power Output

Munich RE providing Reinsurance

ISO9001,ISO14001,OHSAS18001 Standard

PID

PID and snail trails free



Excellent performance under low irradiance



Additional environmental tested for salt mist/ammonia/sand, Ensure performance in harsh environment



Power tolerance 0~+5w
Guaranteed power output



Additional yield and easy maintenance with high transparent self-cleaning glass

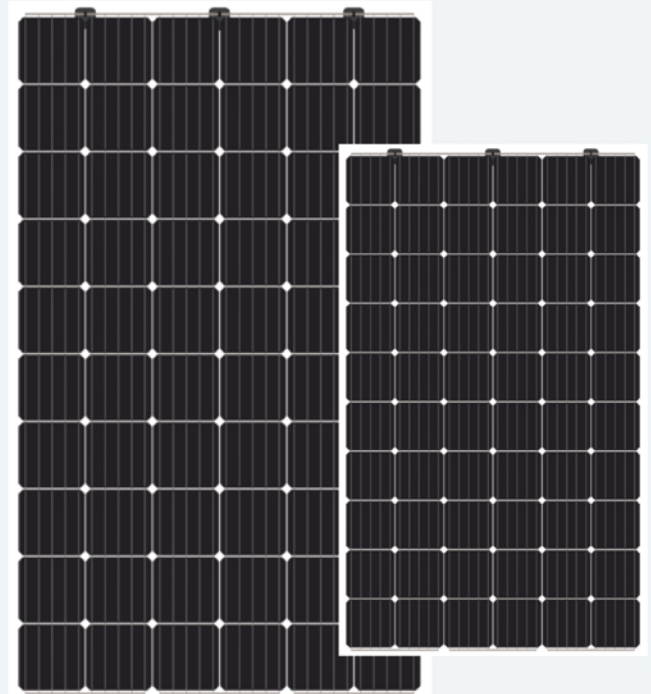


2 times EL testing during manufacturing, defect-free modules

Embrace solar future



Passed TUV Thresher test ensure module's long-term performance and reliability



Munich RE  中国平安 PINGAN
Munich RE providing Reinsurance

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⚠ CAUTION:READ INSTALLATION MANUAL BEFORE USING THE PRODUCT

STELLA-60S

Monocrystalline Solar Module



Electrical Specification (STC)		AD280-60S-DGT	AD285-60S-DGT	AD290-60S-DGT	AD295-60S-DGT	AD300-60S-DGT
Max.Power	Pm[W]	280	285	290	295	300
Power Tolerance	Pm[W]	0~+5	0~+5	0~+5	0~+5	0~+5
Max.Power Voltage	V[M]	31.7	31.8	32.2	32.5	32.7
Max.Power Current	I[M]	8.84	8.97	9.01	9.08	9.18
Open Circuit Voltage	VOC[V]	39	39.3	39.5	39.7	40
Short Circuit Current	ISC[A]	9.35	9.45	9.5	9.55	9.66
Module Efficiency	[%]	17.0	17.3	17.6	17.9	18.2

STC : Irradiance 1000W/m², Module temperature 25°C, AM=1.5

Electrical Data (NOCT)		AD280-60S-DGT	AD285-60S-DGT	AD290-60S-DGT	AD295-60S-DGT	AD300-60S-DGT
Max.Power	Pm[W]	209	212	216	220	224
Max.Power Voltage	V[M]	29.4	29.6	29.9	30.2	30.4
Max.Power Current	I[M]	7.1	7.17	7.23	7.28	7.34
Open Circuit Voltage	VOC[V]	36.3	36.6	36.7	36.9	37.2
Short Circuit Current	ISC[A]	7.55	7.63	7.67	7.71	7.79

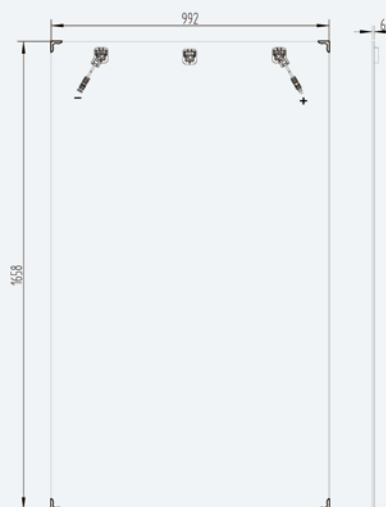
NOCT : Irradiance 800W/m², Ambient temperature 20°C, Wind speed 1m/s

Mechanical Characteristics	
Solar Cell Type	156.75x 156.75mm Mono
No. of cells	60 (6 x 10)
Dimensions	1658 x 992 x 6mm
Weight	23.5kg
Frame	No frame
Junction Box	IP67 Rated
Cables	4mm ² , 500mm
Connectors	MC4/MC4 compatible

Temperature Rating	
NOCT	44 ± 2°C
Temp Coefficient of P _{max}	-0.39%/°C
Temp Coefficient of V _{oc}	-0.29%/°C
Temp Coefficient of I _{sc}	0.050%/°C

Maximum Rating	
Operating Temp	-40~+85°C
Max.System Voltage	1500V DC
Max.Series Fuse Rating	15A

Packing Configuration	
Modules per pallet	33 piece
Modules per 40' container	858 piece



Back View

