JONSOL

THE SILENT POWER OF SUNLIGHT
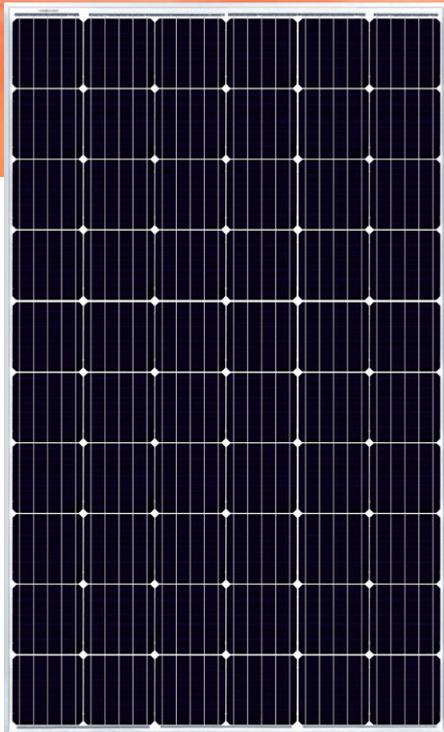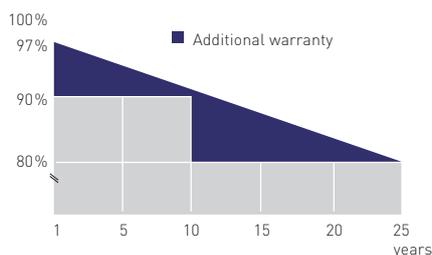
15 YEARS
PRODUCT
GUARANTEE

25 YEARS
PERFORM.
GUARANTEE*

JONSOL
JSM-60ST
300-320W
mono PERC

The high quality and reliability of Jonsol are based on many years of production and industry experience, a mature module design and the automatic production process. The result is guaranteed high-performance Jonsol modules.
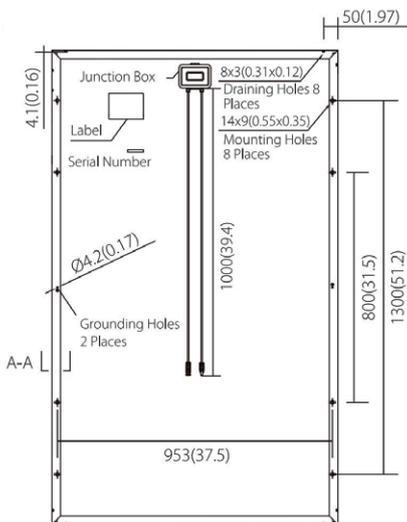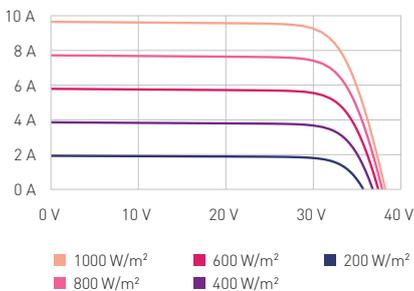
The monocrystalline 60-cell JONSOL ST module has an integrated Intelligent Power Optimizer with wireless monitoring. It includes a module-level MPPT, auto-shutdown by abnormality, remote ON/OFF, anti-theft, alarm function and much more.

JONSOL quality features JSM-60ST

- Module efficiency up to 19.7 percent
- Monocrystalline high-performance solar cells
- Structured special glass
- Fully automatic production lines
- Certification according to IEC
- Comprehensive quality controls
- 100 % electroluminescence test
- IP67 junction box for safety and long-term weather resistance
- Plus sorting up to 5 Wp for a higher yield at the same price

■ Additional warranty

*Linear performance guarantee

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	1000 W/m²	600 W/m²	200 W/m²
	800 W/m²	400 W/m²	

Technical data (STC)

	Module Type				
Nominal Power (Pmax)	300 W	305 W	310 W	315 W	320 W
Nominal voltage (Umpp)	32.8 V	33.0 V	33.2 V	33.4 V	33.6 V
Nominal current (Impp)	9.15 A	9.24 A	9.35 A	9.44 A	9.53 A
Open circuit voltage (Uoc)	40.1 V	40.2 V	40.3 V	40.4 V	40.5 V
Short-circuit current (Isc)	9.81 A	9.94 A	9.98 A	10.1 A	10.4 A
Efficiency	18.3 %	18.7 %	19.0 %	19,3 %	19,7 %
Operation temperature	-40° C - +85° C				
Maximum system voltage	1000 V (1500 V on request)				
Fire Safety Class	Class C				
Reverse current capability	15 A				
Application classification	A				
Power tolerance (W)	0 - +3 %				

Temperature coefficient (STC)

Tkoeff_P	-0.39 %/°C
Tkoeff_U	0.059 %/°C
Tkoeff_I	-0.3 %/°C
NOCT	45 +/-2°C

Mechanical data

Technology	monokristalline, PERC
Size of cells	6 inch
Number of cells	60
Module size (L x W x H)	1640 x 991 x 35 mm
Weight	18.0 kg
Front/rear glass	3.2 mm, hardened
Frame	anodized aluminum alloy
Junction Box	IP67, 3 diodes
Cable	4 mm², cable length: 100 cm*
Connector	MC4 compatible

Packing units

Pieces per pallet	30 pcs
Pallets per 40' HC ctn	28 pcs
Total pcs	840 pcs

*The cable length is sufficient for vertical installation systems if the distance between the modules is less than 50 mm. If the distance between the modules is more than 50 mm, please contact our technical support for expert evaluation and advice.

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