

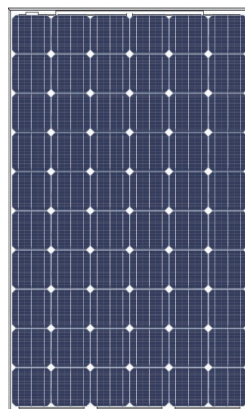
QUASAR 260 SERIES

CSUN250-60M
CSUN255-60M
CSUN260-60M
CSUN265-60M
CSUN270-60M



19% Average Cell Efficiency

Quasar solar cell uses a novel technology, which improves light response effectively, and results in higher conversion efficiency. This new technology also succeeds in simplifying the production process, as well as reducing the operation links and narrowing the distribution of conversion efficiency, thus brings more advantages to the quality control. In addition, Quasar technology could be combined with other new technology developed by CSUN's R&D center to improve conversion efficiency continuously.



Features

- 60 High-Efficiency Monocrystalline Quasar Cells;
- Narrow distribution of conversion efficiency;
- The high-transparency low-iron tempered glass allows maximum light permeability while enhancing stiffness and impact resistance;
- Integrated bypass diodes to protect the solar cell circuit from hot spots during partial shadowing;
- Low power tolerance of $\pm 3\%$;

Guarantee

Product workmanship: 10 years

Power output: 12 years (90% of Pmin)

20 years (83% of Pmin)

25 years (80% of Pmin)

Certificates



(Both expected in Nov. 2011)

Member of



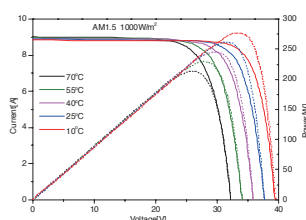
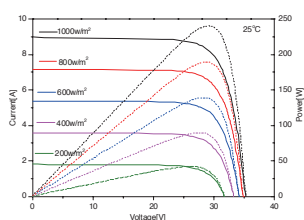
Specifications

Module name	QUASAR 270	QUASAR 265	QUASAR 260	QUASAR 255	QUASAR 250
Module type	CSUN 270-60M	CSUN 265-60M	CSUN 260-60M	CSUN 255-60M	CSUN 250-60M
Peak Power (Pmpp)	270	265	260	255	250
Open Circuit Voltage (Voc)	37.9	37.8	37.6	37.5	37.3
Short Circuit Current (Isc)	9.13	9.04	8.93	8.86	8.78
Optimum operating Voltage (Vmpp)	30.7	30.5	30.3	30.2	30.1
Optimum operating Current (Impp)	8.80	8.69	8.58	8.45	8.31
Module efficiency	16.63%	16.32%	16.02%	15.71%	15.40%
Maximum system voltage [V]	1000				
Voltage temperature coefficient	-0.307%/K				
Current temperature coefficient	+0.039%/K				
Power temperature coefficient	-0.423%/K				
Series fuse rating[A]	20				
Cells	6×10 pieces monocrystalline solar cells series strings (156mm×156mm)				
Junction box	with 6 bypass diodes				
Cable	length 900 mm, 1×4 mm				
Front glass	White toughened safety glass, 3.2 mm				
Cell encapsulation	EVA (Ethylene-Vinyl-Acetate)				
Back sheet	composite film				
Frame	Anodized aluminum profile				
Dimensions	1640×990×50mm (L×W×H)				
Weight	19.8kg				

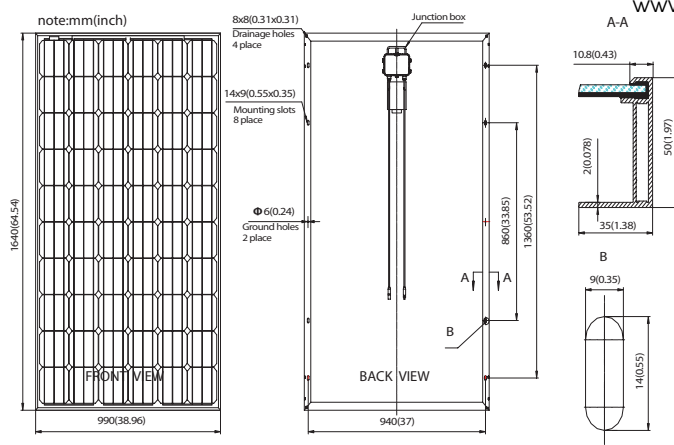
Packaging

Dimensions(L×W×H)	Container 20'	Container20'HC	Container40'	Container40'HC
1640×990×50mm	240	258	560	602

IV Curve



Dimensions



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