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Solar Panel Guide Specification Data Sheet

**Sasa Solar
SasaPremium-P6-72_305-330W
SS310P6-72**

Also available on the web at
EnergyPal.com/sasa-solar-solar-panels/ss310p6-72

SasaPremium Module

SS P6-72 Series 305W-330W



- POWER RANGE**
 Plus-Sorting 0 to + 4,99Wp
- PID RESISTANT**
 Potential Induced Degradation Free
- SALT CORROSION RESISTANT**
 Certified for Salt Rich Environment
- SAND RESISTANT**
 Certified for Sand Rich Environment
- AMMONIA RESISTANT**
 Certified for Ammonia Rich Atmosphere
- HIGHLY STABLE AND TOUGH**
 Maximum Mechanical Load 5400 Pa



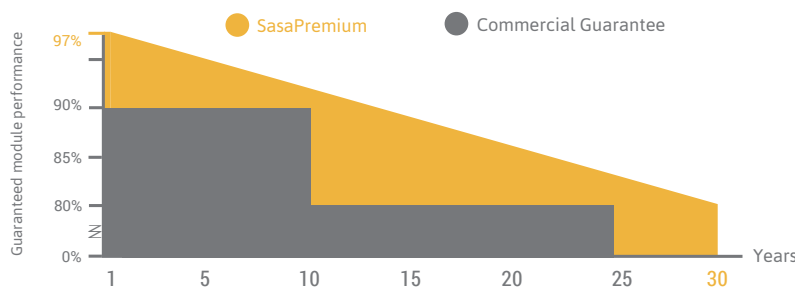
GERMAN QUALITY
 Sasa Solar photovoltaic modules are manufactured using high-quality materials, automated machine, German Technology and Standards

PLUS-SORTING
 Higher yield due to plus-sorting of 0 to +4.99 Wp guarantees the high system efficiency and yield stability

PERFORMANCE GUARANTEE
 Sasa Solar assures high investment, security and warranty claims by providing linear performance guarantee of 30 years and 12 years of product warranty

CERTIFICATES
 Lining with International Standards, Sasa Solar Photovoltaic modules are tested and certified under extreme stress and it can bear harsh environmental influences

OUR PERFORMANCE GUARANTEE



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ELECTRICAL DATA SS305P6-72 SS310P6-72 SS315P6-72 SS320P6-72 SS325P6-72 SS330P6-72

Nominal power	Pm (Wp)	305	310	315	320	325	330
Open circuit voltage	Voc (V)	45.38	44.47	45.59	45.72	45.83	45.89
Short-circuit current	Isc (A)	9.13	9.17	9.24	9.28	9.33	9.37
Voltage at max power	Vmp (V)	36.51	36.60	36.66	36.75	36.83	36.97
Current at max power	Imp (A)	8.35	8.47	8.59	8.71	8.82	8.93
Filling Factor	(%)	73.61	74.35	74.78	75.42	76.00	76.53
Module Efficiency	(%)	15.72	15.98	16.23	16.49	16.75	17.01
Maximum System Voltage DC (V)		1000					
Temp. coefficient Voc	(% / °C)	-0.31					
Temp. coefficient Isc	(% / °C)	0.053					
Temp. coefficient Pm	(% / °C)	-0.4					
Operating temp.	(°C)	-40 to +85					
NOCT	(°C)	45±2					

The electrical data apply to standard test conditions (STC): Irradiance of 1000 W/m² with spectrum AM 1.5 and a cell temperature of 25°C.

MECHANICAL DATA

Junction box	3 bypass diodes, IP 67
Wire cross section (∅, mm ²)	4.0
Cable length (mm)	900 or 1100
Connector type	MC 4 / MC 4 compatible
Dimensions (L x W x H, mm)	1956 x 992 x 40
Weight (kg)	23.5
Cell specification	Poly 156 x 156mm / 6 x 12
Hail resistance	Max. ∅ 28 mm, at 23 m/s
Wind load	2400Pa / 244kg / m ²
Mechanical load	5400Pa / 550kg / m ²

PACKAGING INFORMATION

Packing Configuration	54pcs / pallet
Loading Capacity	648pcs / 40HQ
Size / pallet (mm)	1990 x 1120 x 2335
Weight	1380kg / pallet

DIMENSIONS

