

Black Elegance Superior Shingled

ASP SMB-66E BE Series 380W-390W

Shingled monocrystalline PV-module in Black Design



QUALITY & RELIABILITY

Best raw materials, optimized production process and accurate testing makes the quality difference



GERMAN ENGINEERING

Best design by the art of German engineering



SAVE INVESTMENT

Product warranty of 12 years and performance warranty of 25 years



POSITIVE PERFORMANCE TOLERANCE

Up to +5 W plus-tolerance on output



FOR ALL ENVIRONMENTAL CONDITIONS

Resistant against PID, sand, salt and ammonia



STABLE AND STRONG

Capable to bear heavy snow loads up to 5400 Pa and wind loads up to 2400 Pa

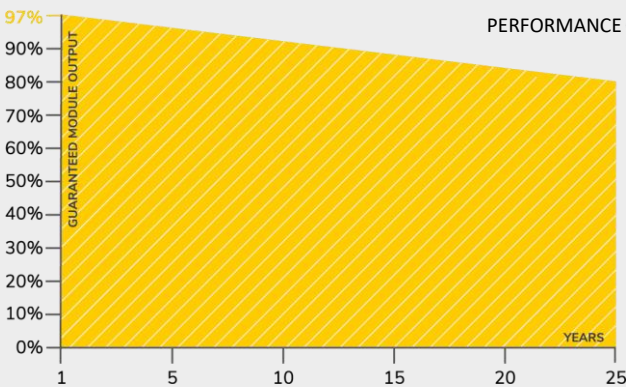


12 YEARS
PRODUCT WARRANTY

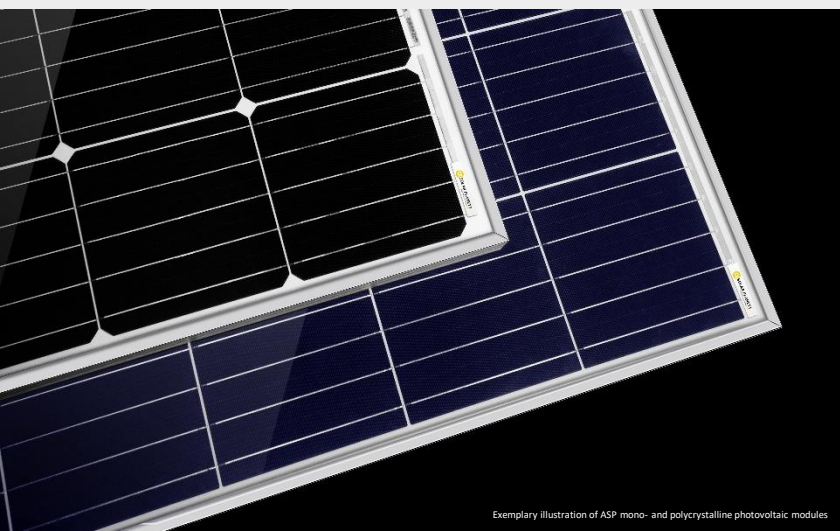
OUR PERFORMANCE GUARANTEE



25 YEARS
PERFORMANCE GUARANTEE



CERTIFICATES



**Quality
Diligence
Durability**



Black Elegance Superior Shingled Module

ASP SMB-66E BE Series 380W-390W

TECHNICAL DATA

| | | ASP390SMB-66E | ASP395SMB-66E | ASP400SMB-66E |
|--|-----------------------|---------------|---------------|---------------|
| Maximum power | P _{max} (Wp) | 380 | 385 | 390 |
| Maximum power voltage | V _{mp} (V) | 40.6 | 40.8 | 40.8 |
| Maximum power current | I _{mp} (A) | 9.36 | 9.44 | 9.56 |
| Open-circuit voltage | V _{oc} (V) | 49.1 | 49.3 | 49.3 |
| Short-circuit current | I _{sc} (A) | 9.93 | 9.98 | 10.03 |
| Module efficiency | % | 20.3 | 20.5 | 20.8 |
| Power tolerance | P _{max} (W) | | 0/+5 | |
| Maximum system voltage DC | V | | 1500 | |
| Operating temperature | °C | | -40 to +85 | |
| Temperature coefficients of P _{max} | %/°C | | -0.34 | |
| Temperature coefficients of V _{oc} | %/°C | | -0.27 | |
| Temperature coefficients of I _{sc} | %/°C | | 0.04 | |
| Nominal operating cell temp. (NOCT) | °C | | 42.3±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.

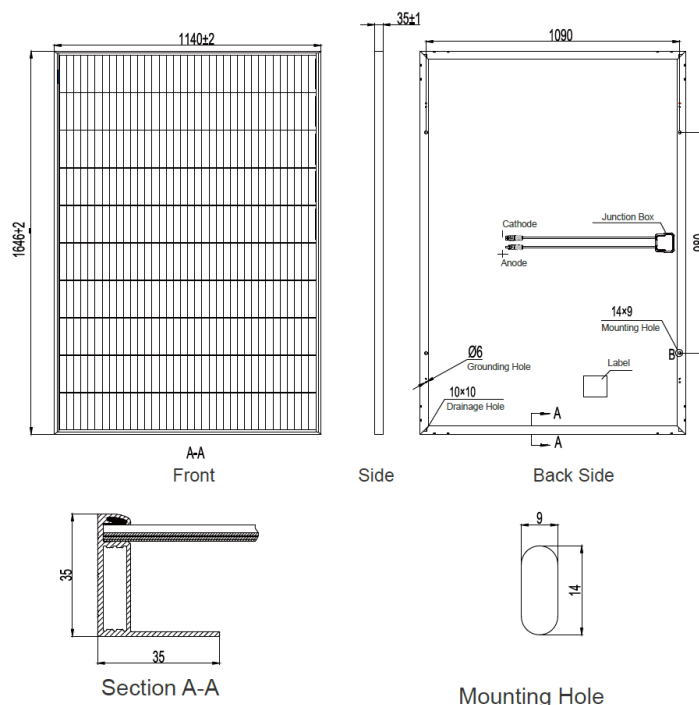
MATERIAL CHARACTERISTICS

| | |
|-----------------|---|
| Cell type | PERC monocrystalline 158.75 x 158.75 mm |
| Dimensions | 1646 x 1140 x 35 mm |
| Weight | 20.5 kg |
| Junction box | IP68 rated |
| Output cable | 4.0 mm ² , 900 mm length |
| Connector type | MC4 / MC4 compatible |
| Hail resistance | Max. Ø 25 mm, at 23 m/s |
| Wind load | 2400 Pa / 244 kg / m ² |
| Mechanical load | 5400 Pa / 550 kg / m ² |

PACKING INFORMATION

| | |
|-----------------------|------------------------|
| Packing configuration | 62 pcs / double pallet |
| Loading capacity | 868 pcs / 40 HQ |
| Size / pallet | 1660 x 1135 x 2490 mm |
| Weight | 1370 kg / pallet |

DRAWINGS



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