



High conversion efficiency
High module efficiency to guarantee power output.



Easy Installation and Handling
For various applications



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



0 to +5W positive tolerance
Detailed information in Electrical Specifications

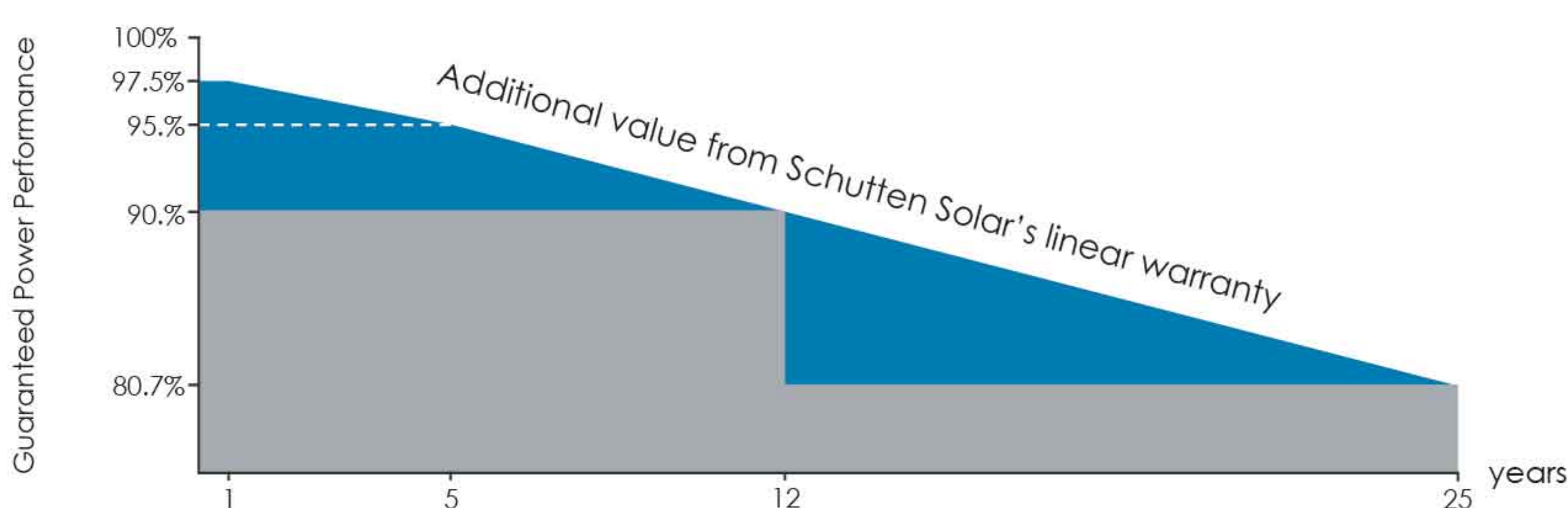


Durability against extreme environmental
High salt mist and ammonia resistance certified by TUV NORD



4BB/5BB Solar Cell:
adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, perfect for rooftop installation.

LINEAR PERFORMANCE WARRANTY



12 YEARS

Guarantee on product material and workmanship

25 YEARS

Linear power output warranty

CERTIFICATES



INSURANCE



Anhui Schutten Solar Energy Co.,Ltd

Schutten Solar (Nanjing) :Room 1812, Building A, Wanda Plaza, No.102 Middle Jiangdong Road, Nanjing, Jiangsu, China 210019
Schutten Solar (Chuzhou) :Weisan Road, Quanjiao Economy and Development Area Chuzhou, Anhui, China 239500
Schutten Solar (Thailand) :1999/24 District Sriwara, Soi Ladprao 94 (Panjamit), Plubpla, Wang Thong Lang, Bangkok, Thailand, 10310



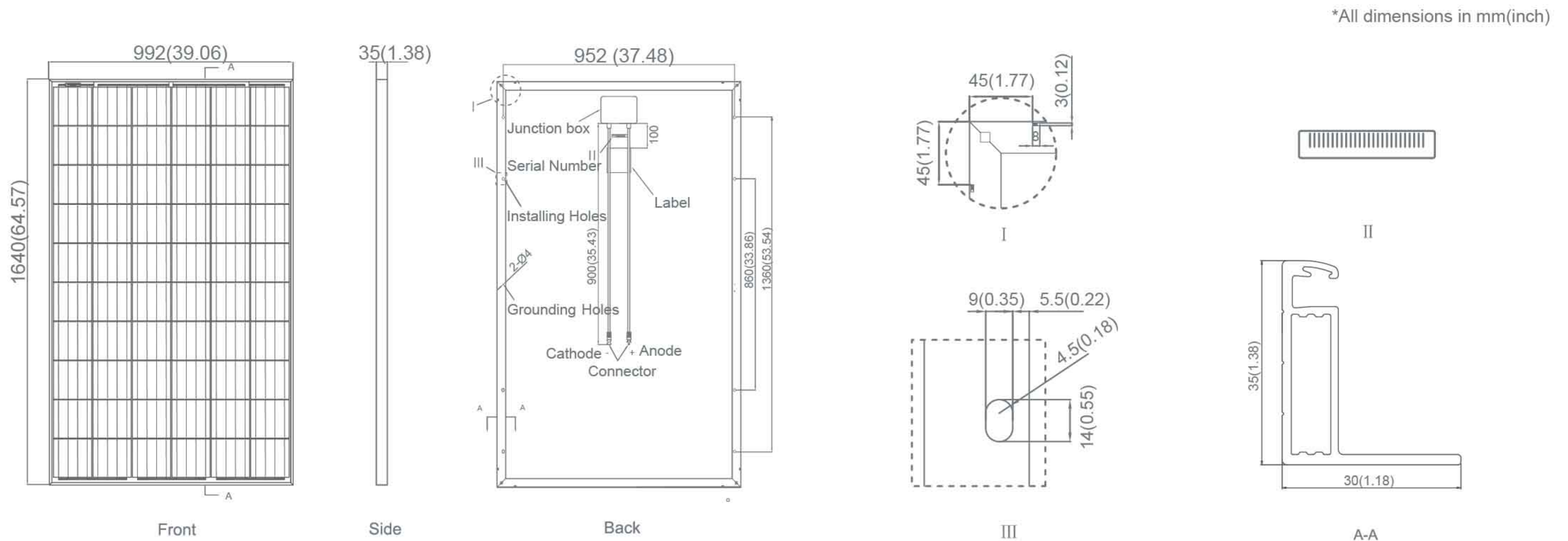
www.schutten-solar.com

Electrical Characteristics

Module Type	STP6-250/60	STP6-255/60	STP6-260/60	STP6-265/60	STP6-270/60	STP6-275/60
	STC	STC	STC	STC	STC	STC
Maximum Power (Pmax)	250Wp	255Wp	260Wp	265Wp	270Wp	275Wp
Maximum Power Voltage (Vmp)	30.20V	30.54V	30.96V	31.33V	31.70V	32.09V
Maximum Power Current (Imp)	8.30A	8.35A	8.40A	8.46A	8.52A	8.57A
Open-circuit Voltage (Voc)	37.75V	38.92V	38.39V	38.64V	38.82V	39.02V
Short-circuit Current (Isc)	8.92A	8.98A	9.09A	9.16A	9.25A	9.33A
Module Efficiency STC (%)	15.41%	15.67%	15.99%	16.29%	16.60%	16.90%
Operating Temperature(°C)	-40°C~+85°C		Temperature coefficients of Pmax		-0.41%/°C	
Maximum system voltage	1000VDC (IEC)		Temperature coefficients of Voc		-0.33%/°C	
Maximum series fuse rating	15A		Temperature coefficients of Isc		+0.03%/°C	
Power tolerance	(0, +5)		Nominal module operating temperature (NMOT)		45±2 °C	

STC: Irradiance 1000W/m² Cell Temperature 25°C AM=1.5

Engineering Drawings



Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)	
No. of cells	60 (6×10)	
Dimensions	1640×992×35mm (64.56×39.05×1.37 inch)	
Weight	18.0 kg (39.68 lbs.)	
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass	
Frame	Anodized Aluminium Alloy	
Junction Box	IP67 Rated	
Output Cables	4.0mm, Length: 900mm	
Connector	MC4 Compatible	
Maximum Snow Load	550Kg/m ²	
Maximum Wind Load	200Km/h	
Hailstone Impact Test	80Km/h for 25mm ice ball	

Packaging Configuration

Container	20' GP	40' HQ
Pieces Per Pallet	29 / 25 / 19	29 / 5
Pallets Per Container	6 / 6 / 1	28 / 14
Pieces Per Container	343	882

Current-Voltage & Power-Voltage Curve

