



SOLAR  
POWER  
ENERGY  
LED

THE POWER  
OF OUR FUTURE

## SOLAR MODULES Features & Performance

Our solar modules have been certified the CE, ISO9001, ISO14001, OHSAS18001 etc. As we are PV manufacturer leader in Indonesia, high quality and high efficiency are our prioritized goal. We promise to supply our optimized products to customers.



- Maximum Power: 60Wp
- Module Efficiency: 13.99%
- Product Warranty: 10 years
- Power Warranty: 10 years  $\geq 90\%$   
25 years  $\geq 80\%$

ST36p60/50/40  
ST36P30/20/10  
ST36P5

### Mechanical Property

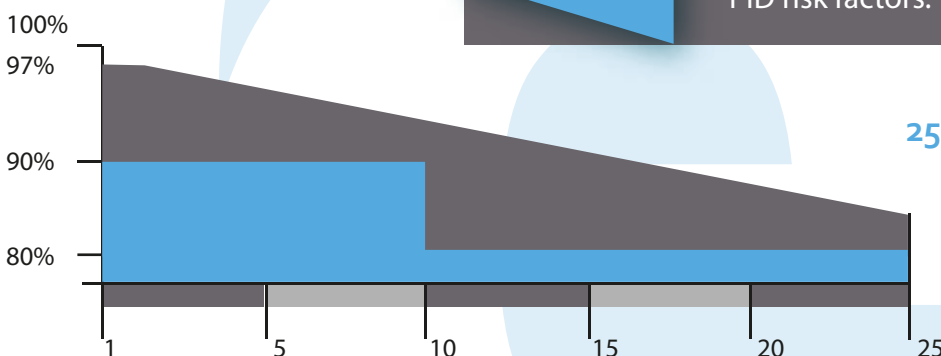
- Snow loads up to 5400Pa
- Wind loads up to 2400Pa

### Low Light Performance

- Excellent performance under low light (morning, evening and cloudy days)

### High Durability

- Durable PV modules, independently tested for harsh environmental conditions, such as exposure to salt mist, ammonia and known PID risk factors.



25 Years Linear Warranty



## Electrical Performance (STC: AM 1.5, 1000W/m<sup>2</sup>, 25°C)

Module Type	ST36P60	ST36P50	ST36P40	ST36P30	ST36P20	ST36P10	ST36P5
Maximum Power (Pmax / W)	60	50	40	30	20	10	5
Power Tolerance	± 3%						
Maximum Power Voltage (Vm / V)	17.5	17.5	17.4	17.4	17.1	17.0	8.5
Maximum Power Current (Im / A)	3.43	2.86	2.30	1.73	1.17	0.59	0.59
Open Circuit Voltage (Voc / V)	21.2	21.1	21.0	21.0	20.5	20.4	10.2
Short Circuit Current (Isc / A)	3.85	3.20	2.58	1.95	1.34	0.67	0.68
Module Efficiency (%)	13.99	13.82	13.57	13.59	12.08	11.15	10.4

## System Design

Static Load (Front/Back)	5400Pa/2400Pa	Maximum System Voltage (VDC)	1000 (IEC)/ 600 (UL)
Application class	Class A	Maximum Series Fuse Rating (A)	10
Fire safety class (IEC61730)	Class C	Operating Module Temperature(°C)	-40 to +85

## Operation Conditions

## Mechanical Properties

Dimensions (LxWxH / mm)	640x670x25	540x670x25	440x670x25	640x345x25	480x345x17	260x345x17	260x185x17
Installation holes distance (LxW/mm)	420x634	350x634	280x634	420x309	320x325	160x325	160x165
Weight (Kg)	5	3.4	2.9	2.4	2	1.6	1.3
Sizes of Cells (LxW/mm)	156x62.4	156x52	156x41.5	156x31.2	156x22.28	78x22.28	78x22.28
No. of Cells (pcs)	36 (4x9)	36 (4x9)	36 (4x9)	36 (2x18)	36 (2x18)	36 (4x9)	18 (2x9)
Sizes of Junction box cable (mm <sup>2</sup> /mm)	2.5 / 900					0 / 0	
Container 20GP(pcs)	1824	1984	2432	3648	6723	10584	19440
Container 40HC(pcs)	3968	4864	6080	7296	13608	25920	40824

