



Circle Park Industries
(888) CPI-0211
Frisco Texas



SOLAR MODULES

Features & Performance

Our PV modules have been certified by ISO9001, ISO14001, OHSAS18001 etc. As a leading PV manufacturer, our prioritized goal is to keep developing and producing high quality and high efficiency modules.

Maximum Power: 60Wp

Module Efficiency: 13.99%

Product Warranty: 10 years

**Power Warranty: 10 years $\geq 90\%$
25 years $\geq 80\%$**

ST36M60/50/40
ST36M30/20/10
ST36M5

Mechanical Property

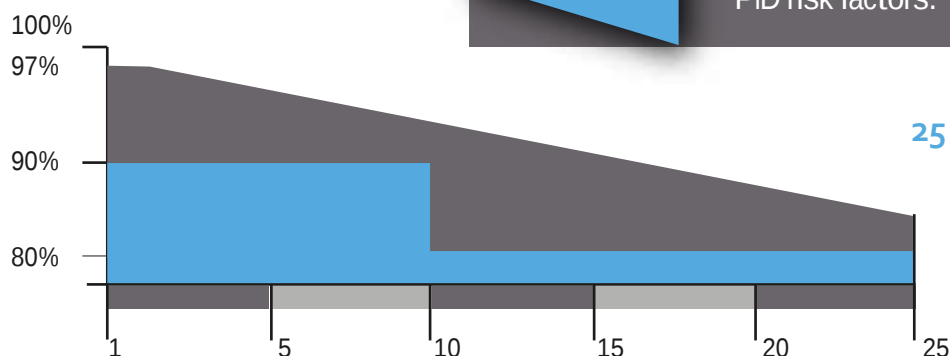
- Snow loads up to 5400Pa
- Wind loads up to 2400Pa

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/m², 25°C)

Module Type	ST36M60	ST36M50	ST36M40	ST36M30	ST36M20	ST36M10	ST36M5
Maximum Power (Pmax / W)	60	50	40	30	20	10	5
Power Tolerance	± 3%						
Maximum Power Voltage (Vm / V)	17.5	17.4	17.3	17.2	17.0	16.8	8.4
Maximum Power Current (Im / A)	3.43	2.87	2.31	1.74	1.18	0.60	0.60
Open Circuit Voltage (Voc / V)	21.0	20.9	20.8	20.6	20.4	20.2	10.1
Short Circuit Current (Isc / A)	3.86	3.24	2.60	1.96	1.34	0.68	0.68
Module Efficiency (%)	13.99	13.82	13.57	13.59	12.08	11.15	10.4

System Design

Operation Conditions

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

Mechanical Properties

Dimensions (L×W×H / mm)	640×670×25	540×670×25	440×670×25	640×345×25	480×345×17	260×345×17	260×185×17
Installation holes distance (L×W/mm)	420×634	350×634	280×634	420×309	320×325	160×325	160×165
Weight (Kg)	5	3.4	2.9	2.4	2	1.6	1.3
Sizes of Cells (L×W/mm)	156×62.4	156×52	156×41.5	156×31.2	156×21.88/23.3	78×21.88/23.3	78×21.88/23.3
No. of Cells (pcs)	36 (4×9)	36 (4×9)	36 (4×9)	36 (2×18)	36 (2×18)	36 (4×9)	18 (2×9)
Sizes of Junction box cable (mm ² /m m)	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

