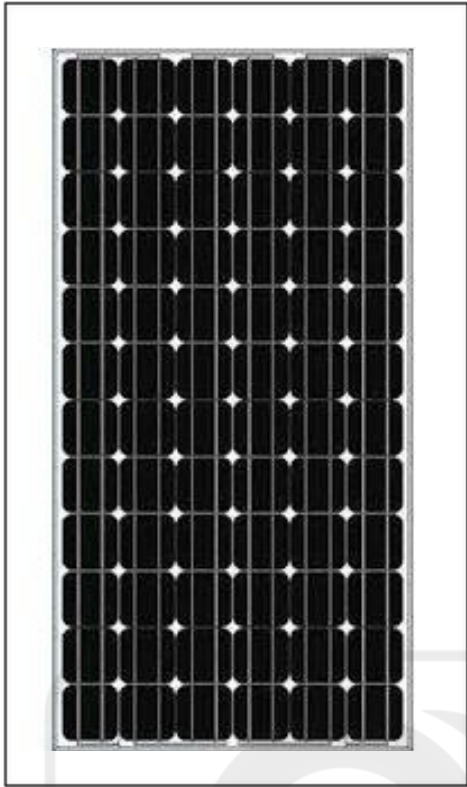
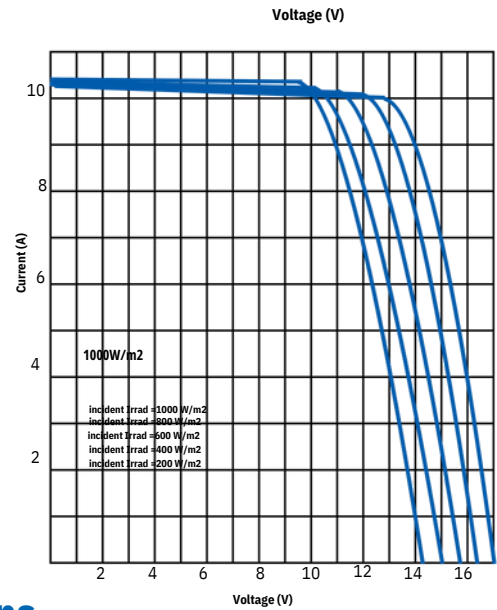
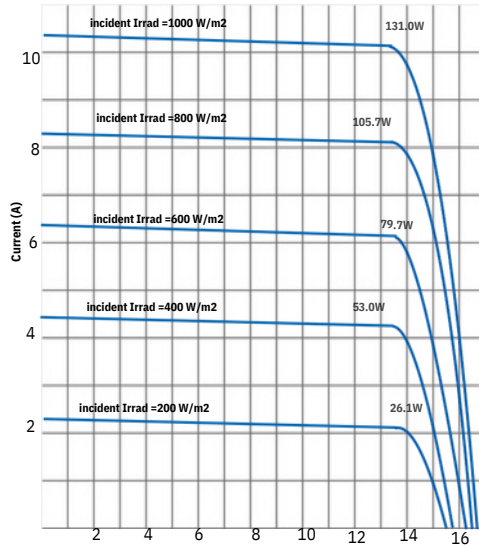


Solar Modules Panels



125 W 12 V



Typical Application Voltage (V)

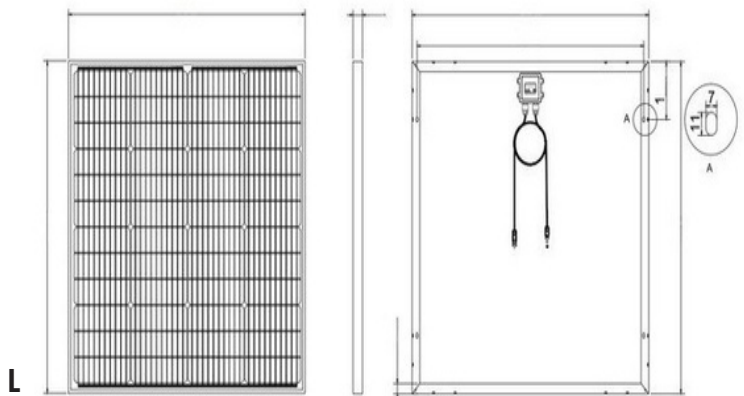
Satte PV Modules are designed for efficiency and reliability, sourced from top global manufacturers with high standards. Key features include:

High-efficiency Mono/Poly crystalline cells with over 15% energy conversion, even at low light levels. Tempered glass with anti-reflective coating for enhanced power output and strength. Waterproof junction box for easy connections. 25-year power output warranty. Certified by TUV Rheinland to ISO, CE, and IEC standards. These modules ensure consistent quality and are ideal for all solar application

Operating Conditions

- **Operating Cell Temperature:** $46 \pm 2^\circ\text{C}$
- **Temp Coefficient Pmax:** $-0.45\%/^\circ\text{C}$
- **Temp Coefficient Voc:** $-0.37\%/^\circ\text{C}$
- **Temp Coefficient Isc:** $0.06\%/^\circ\text{C}$

Modules with dependable, long-lasting performance.

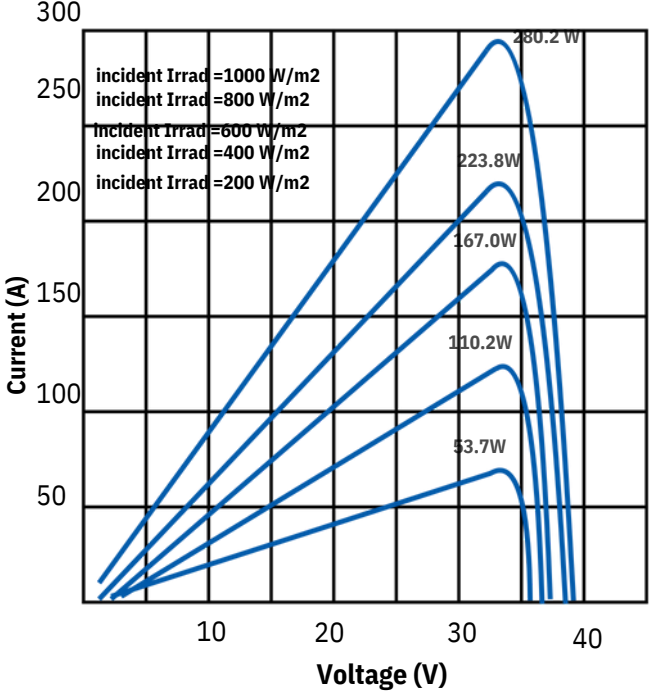
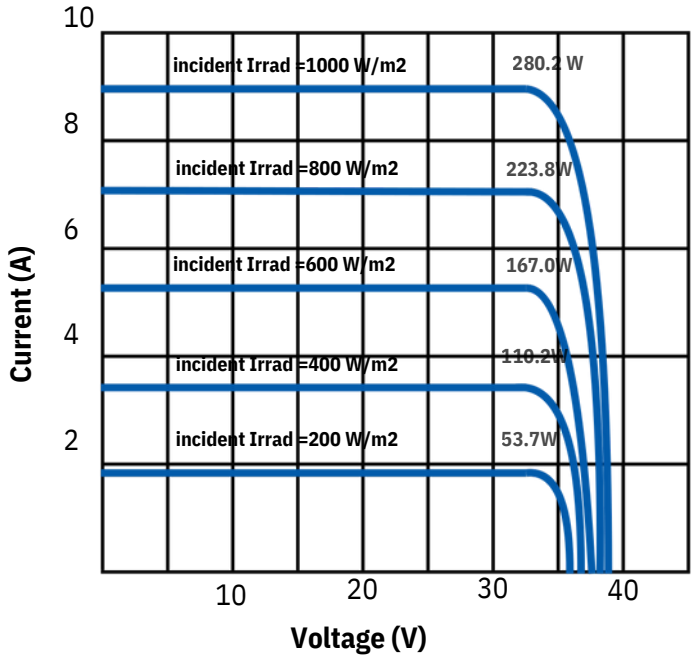


Technical Data

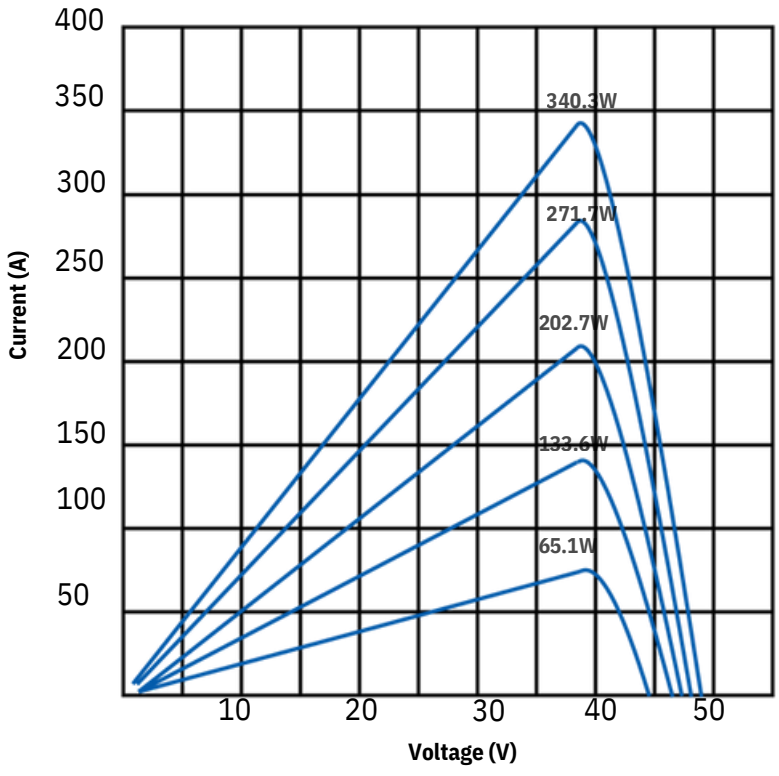
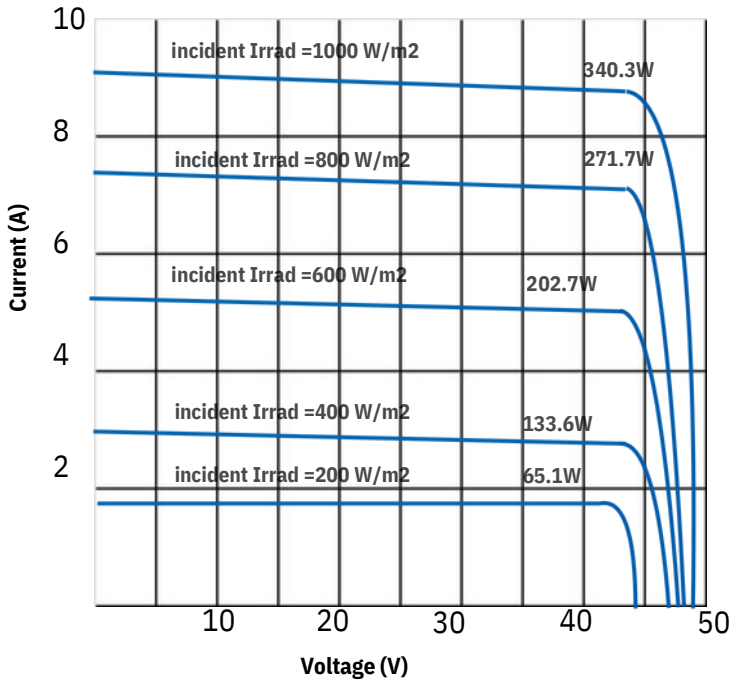
Model	Peak Power(Pmax) $\pm 3\%$ (W)	Power Tolerance (W)	Max.Power Voltage(Vmp) (V)	Max.Power Current(Imp) (A)	Open-circuit Voltage(Voc) $\pm 3\%$ (V)	Operating Temperature ($^\circ\text{C}$)	Max. Series	Max. System Voltage(DC) (V)	Short Circuit Current (A)	Model			Weight (kg)
										L	H	W	
125W LV	125	0~+5	20.13	6.21	24.48	-40~+85	15	1000	6.46	800	770	-40~+85	6.47
125W HV	125		28.22	4.43	33.29				4.68	880	765		7.2
280W	280		31.86	8.79	37.86		1535(± 2)	*880(± 2)	13.5				
340W	340		38.55	8.82	45.64		1856(± 2)	*880(± 2)	17.6				
450W LV	450		34.62	13.01	41.46		1903(± 2)	1134(± 2)	23.6				
450W HV	450		68.92	6.53	82.85		1903(± 2)	1134(± 2)	23.6				
600W	600	44.31	13.54	52.52	1000(IEC)	14.12	2278(± 2)	1134(± 2)	30	30.6(± 3)			

Solar Modules Panels

280W

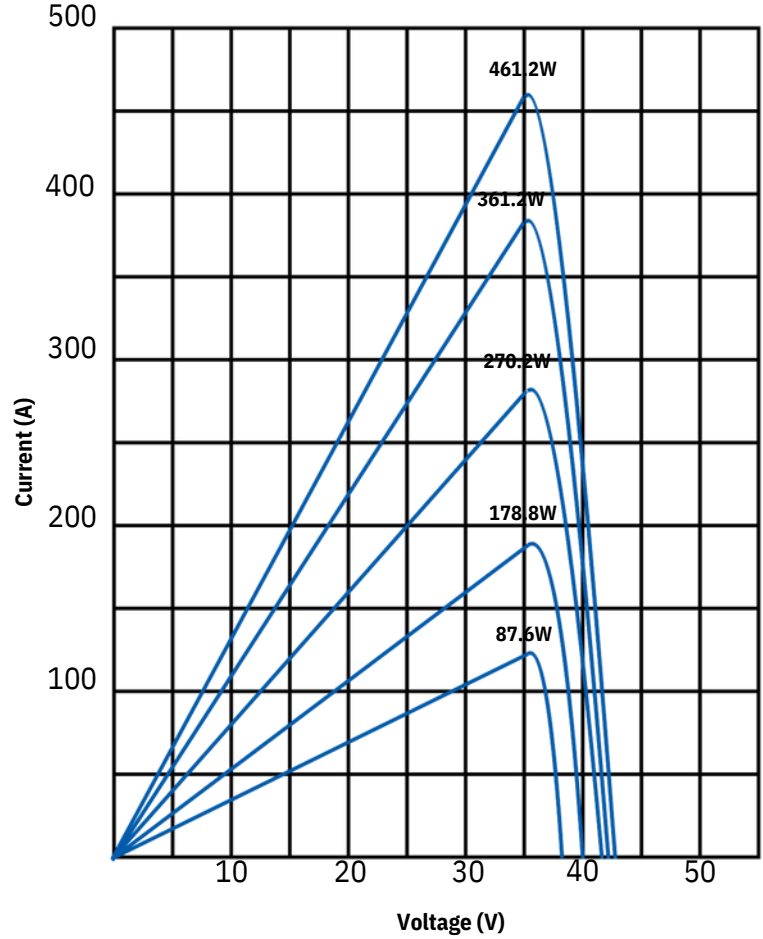
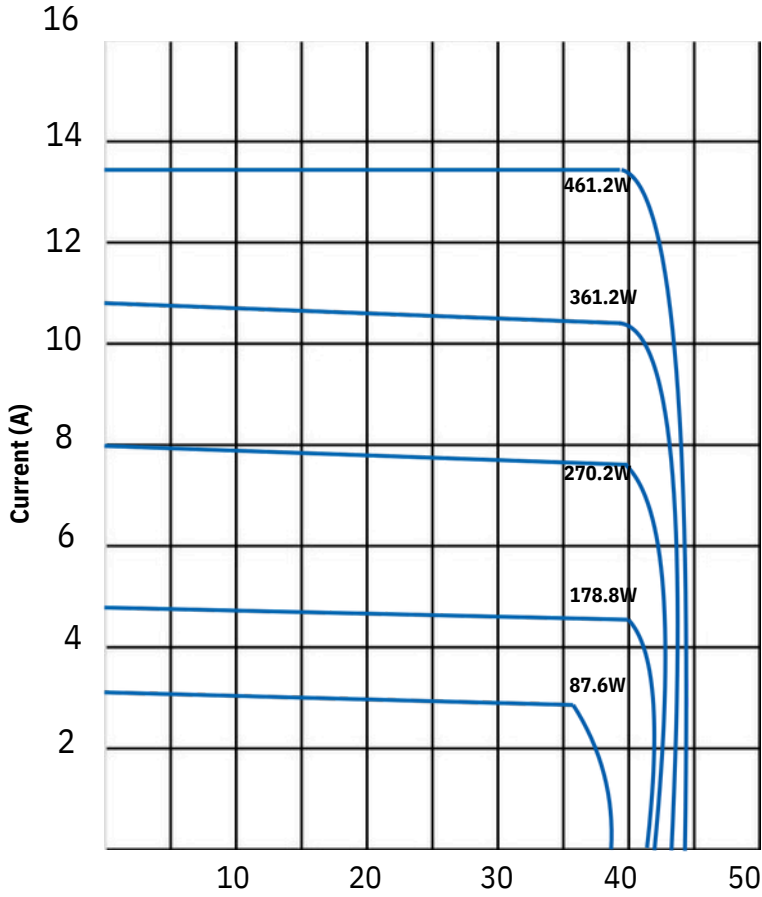


340W



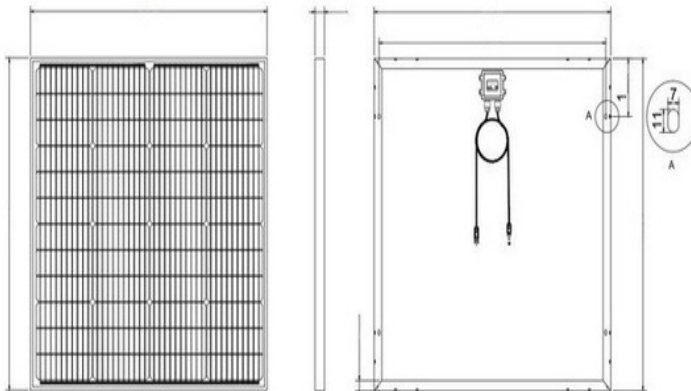
Solar Modules Panels

450W



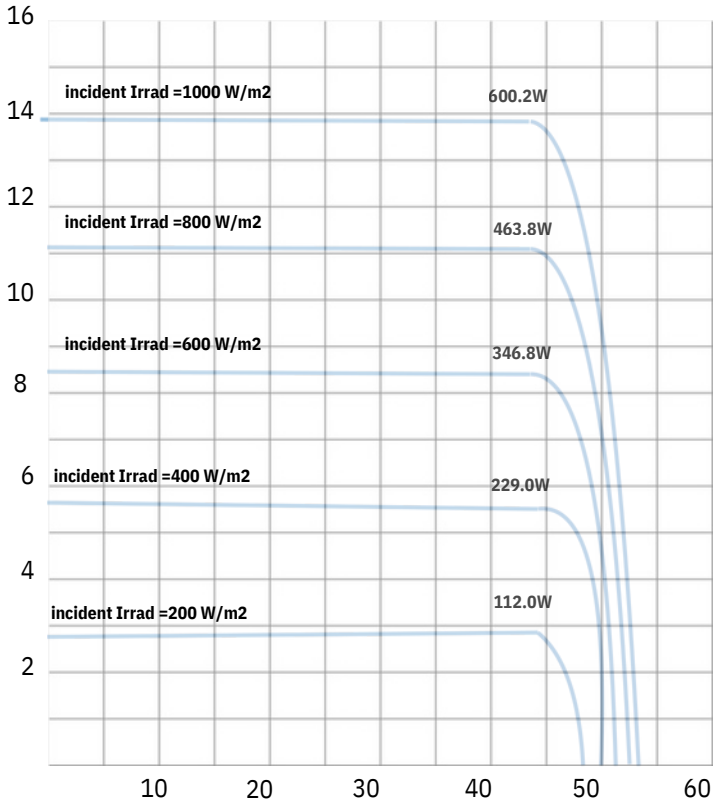
Mechanical Specifications

SolarCells P-Mono-210*105mmArrangement Type-3*11 Front Glass 3.2mm tempered glass Backsheet Fluoride on both sides Frame Anodized aluminium alloy Junction Box IP67, 2 diode Cables 4.0mm² photovoltaic cables Connectors MC4 compatible/IP67

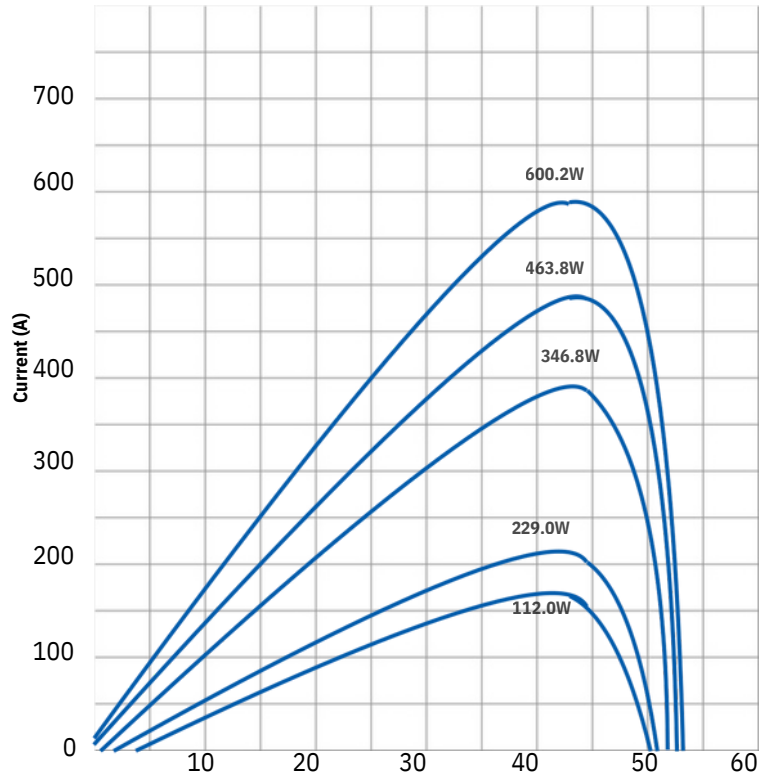


Solar Modules Panels

600W



Current-Voltage Characteristic



Power-Voltage Characteristic

Mechanical Specifications

Solar Cells P-Mono--182.2*91.9mm, Arrangement Type 6*12*2, Front Glass 2.0mm tempered glass, Backsheet Fluoride on both sides, Frame Anodized aluminum alloy, Junction Box IP68, 3 diode Cables 4.0mm² photovoltaic cables, Connectors MC4 compatible/IP68.

