

390W-420W





For Both Residential & Commercial Applications



More Power Generation In Low Light



M6 PERC Shingled

M6 PERC Shingled Technology provides ultra-high efficiency with better performance in low irradiation. Maximizes installation capacity in limited space.



Reliable Warranty

Global brand with powerful financial strength provide reliable 25-year warranty.



wind.

UL / VDE Test Labs

Mechanical Strength

Tempered glass and reinforced frame

conditions such as heavy snow and strong

design withstand rigorous weather

Lingtech's R&D center is an accredited test laboratory of both UL and VDE.

Lingtech's Warranty Provisions



25-Year Product WarrantyOn materials and workmanship Australia and Europe Only



25-Year Performance Warranty

• Initial year: 98.0%

• Linear warranty after second year: with 0.55%p annual degradation, 84.8% is guaranteed up to 25 years.



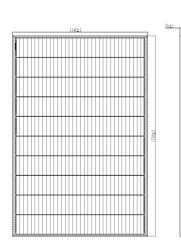
Electrical Characteristics	1	Mono-Crystalline Module\						
		390	395	400	405	410	415	420
Nominal Output(Pmpp)	W	390	395	400	405	410	415	420
Open Circuit Voltage(Voc)	V	46.3	46.3	46.4	46.5	46.6	46.7	46.8
Short Circuit Current(Isc)	Α	10.87	10.92	10.97	11.02	11.07	11.12	11.17
Voltage at Pmax(Vmpp)	V	38.5	38.5	38.6	38.7	38.8	38.9	39.0
Currnt at Pmax(Impp)	А	10.13	10.26	10.36	10.47	10.57	10.67	10.78
Module Efficiency	%	19.9	20.2	20.4	20.7	20.9	21.2	21.4
Cell Type	-	PERC Mono-Crystalline Silicon Shingled						
Maximum System Voltage	V	1,500						
Temperature Coefficiency of Pmax	%/°C	-0.34						
Temperature Coefficiency of Voc	%/°C	-0.27						
Temperature Coefficiency of Isc	%/°C	0.04						

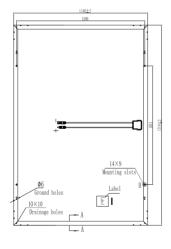
^{*}All Date at STC (Standard Test Conditions). Above data may be changed without prior notice. *Tolerance of Pmax:0~+5W.

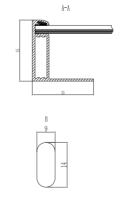
Mechanical Characteristics

Dimensions	1,719 × 1,140 × 35mm (L × W × H)					
Weight	22kg					
Solar Cells	340 Cells, PERC Mono-crystalines Shingled (166 $ imes$ 166mm)					
Output Cables	Length1,500mm, 1×4mm²	Connector	Stäubli: MC4-Evo2			
Junction Box	Rated Current : 20A, IP67, TUV&UL					
Construction	Front Glass: White toughened safety glass, 3.2mm Encapsulation: EVA (Ethylene-Vinyl-Acetate)					
Frame	Anodized aluminum					

Module Diagram (unit:mm)







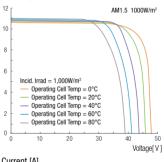
Installation Safety Guide

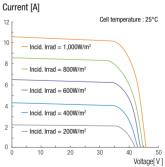
- Only qualified personnel should install or perform maintainence.
- Be aware of dangerous high DC voltage.
- Do not damage or scratch the rear surface of the module.
- Do not handle or install modules when they are wet.

Nominal Operating Cell Temperature	42.3℃ (±2℃)		
Operating Temperature	-40 ~ 85° C		
Maximum System Voltage	DC 1,500		
Fire Rating	Class C		
Series Fuse Rating	20A		
Maximum Surface Load Capacity	Front 5,400 Pa Rear 2,400 Pa		

I-V Curves

Current [A]







^{*}Measuring uncertainty of power:±3%
*Performance deviation of Voc[V], Isc [A], Vm [V], and Im[A]:±3%.