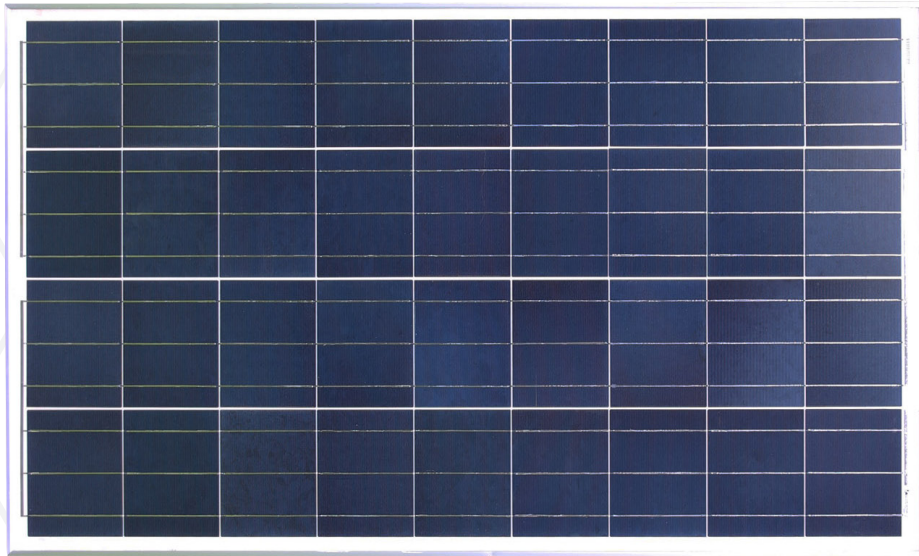


SOLAR PANEL



APPLICATION



Hospital & testing laboratories



Factories



Agricultural fields



Oil fields



Lighting for road



residential area



school park

BENEFITS

- ✓ Stable output voltage 24V/DC
- ✓ High efficiency
- ✓ Outstanding low-light performance
- ✓ High transmission tempered glass
- ✓ Durable anodized aluminum frame
- ✓ efficient protection from frame deformation and water accumulation
- ✓ Rugged design to withstand high wind pressure and snow load, easy installation

FEATURES



Excellent module efficiency of up to 16.97%



Cell efficiency of up to 20.0%



Outstanding low-light performance

SPECIFICATION

MODEL	FA-PL-12V-60W	FA-PL-12V-80W	FA-PL-12V-150W	FA-PL-24V-290W	FA-PL-24V-300W
Maximum power at STC (Pmax)	60W	80W	150W	290W	300W
Optimum operating voltage (Vmp)		17.2V		34.4V	
Optimum operating current (Imp)	3.49A	4.65A	8.72A	8.4A	8.72A
Open-Circuit voltage (Voc)		21.6V		43.2V	
Short-circuit current (Isc)	3.86A	5.17A	9.65A	9.45A	9.78A
Temperature coefficient of Voc			(80+/-10) mV/C		
Temperature coefficient of Isc			(0.065±0.015) %/C		
Temperature coefficient of Pmax			(0.5±0.05) %/C		
NOTC (Air20C, sun0.8Km/m ² , Wind 1m/s)	44 ±2C	45 ±2C	46 ±2C		47 ±2C
Operating temperature			-40C to 85C		
Max. system voltage			1000V DC		
Power tolerance			±5%		
Cell	Poly-crystalline silicon solar cells				
No. of cells and connection		36 (4*9)		72(6*12)	
Weight(kg)	4.8	6	12	23	
Dimensions(mm)	690*670*30mm	836*670*30mm	1500*690*90mm	1956*992*45mm	
Package size/quantity	710*690*140mm/4 block	856*690*140mm/4 block	1480*670*35mm/2block	1976*1012*110mm/2 block	

**No. 1
PTC**

High PTC rating of up to 91.55%



Junction box for long term weather endurance



Heavy snow load up to 5400 Pa, wind load up to 2400 Pa