



355-375W

Flexible-G6P63MW | 126-cell

Mono-facial Module with White Backsheet
Flexible Module Mono Perc



12 years
Product Warranty

25 years
Power Warranty

KEY FEATURES



High Efficiency and Reliability

Busbar-free design increases cell conversion efficiency, more power output can be achieved at low irradiance conditions



Lower LCOE

2% more power generation, lower LCOE



IP68 Junction Box

High waterproof level



Significantly Lower the Risk of Hot Spot

Special circuit design with much lower hot spot temperature



Excellent Anti-PID Performance

2 times of industry standard Anti-PID test



هيئة كهرباء ومياه دبي
Dubai Electricity & Water Authority



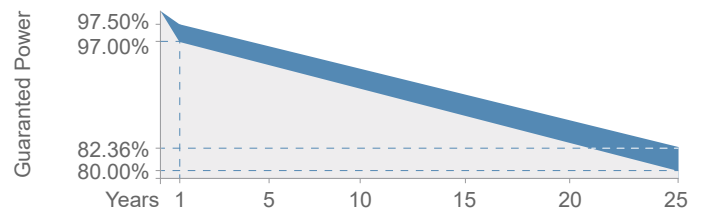
INTRODUCTION

SYSTEM & PRODUCT CERTIFICATES

- Manufacturer of crystalline silicon photovoltaic modules
- Fully automatic facility and world-class technology
- ISO 9001: 2015 Quality Management System
- ISO 45001: 2018 Occupation Health Safety Management System
- ISO 14001: 2015 Environment Management System

PERFORMANCE WARRANTY

12 Years Product Warranty **25** Years Linear Power Warranty



※1st year degradation less than 2.5%, 25 years power output 82.36% guaranteed.

Andes-Flexible-G6P63MW 355-375W

375W

Output

22.10%

Efficiency

≤2.5%

First Year Degradation

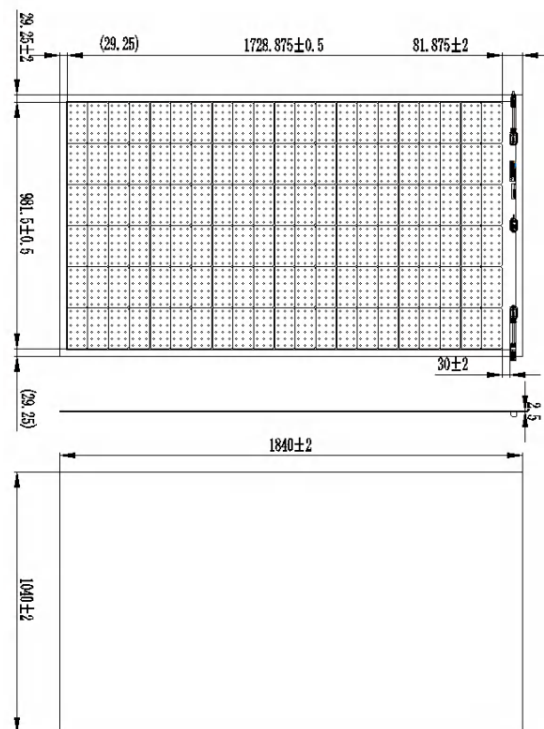
≤0.63%

Year 2-25 Power Degradation

Mechanical Characteristics

Cell Type	Mono Perc Cell
Dimension	1840×1040×2.5mm
Bending Radius	0.3m
Cell Amount	126 (21×6)
Weight	5.7kg
Junction Box	IP68
Frame	None
Encapsulant	POE
Connector	MC4 Compatible
Cable	Customizable / 4.0mm ²

TECHNICAL DRAWING



Packing Configuration

Pieces Per Pallet	46 Pieces
Modules/40' Container	1104 Pieces

Electrical Characteristics (STC: AM1.5 1000W/m² 25°C NOCT: AM1.5 800W/m² 20°C 1m/s)

Model	G6P63MW-355W		G6P63MW-360W		G6P63MW-365W		G6P63MW-370W		G6P63MW-375W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	355	267	360	271	365	275	370	279	375	283
Operating Voltage (Vmpp/V)	34.60	32.70	34.80	32.90	35.00	33.10	35.20	33.30	35.40	33.50
Operating Current (Impp/A)	10.27	8.17	10.36	8.25	10.44	8.32	10.52	8.39	10.60	8.46
Open-circuit Voltage (Voc/V)	42.50	39.80	42.70	40.00	42.90	40.20	43.10	40.40	43.30	40.60
Short-circuit Current (Isc/A)	10.76	8.68	10.85	8.75	10.94	8.81	11.02	8.88	11.09	8.95
Modules Efficiency (%)	20.90		21.20		21.50		21.80		22.10	

Temperature Coefficient

NMOT	43±2°C
Temp Coefficient of ISC	+ 0.06%/°C
Temp Coefficient of VOC	- 0.28%/°C
Temp Coefficient of PMAX	- 0.36%/°C

Operating Conditions

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	18A

I-V Characteristics

G6P63MB-370W

