



365-385W

Flexible-G6P63MW | 126-cell

Mono-facial Module with White Backsheet
Flexible Module Mono Perc



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



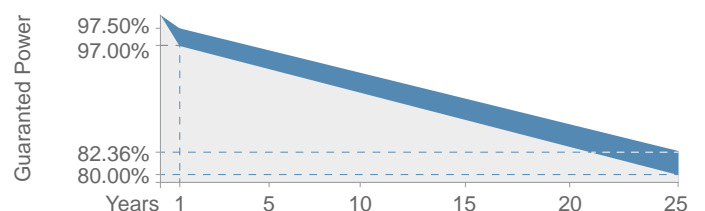
INTRODUCTION

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 365-385W

385W
Output

21.80%
Efficiency

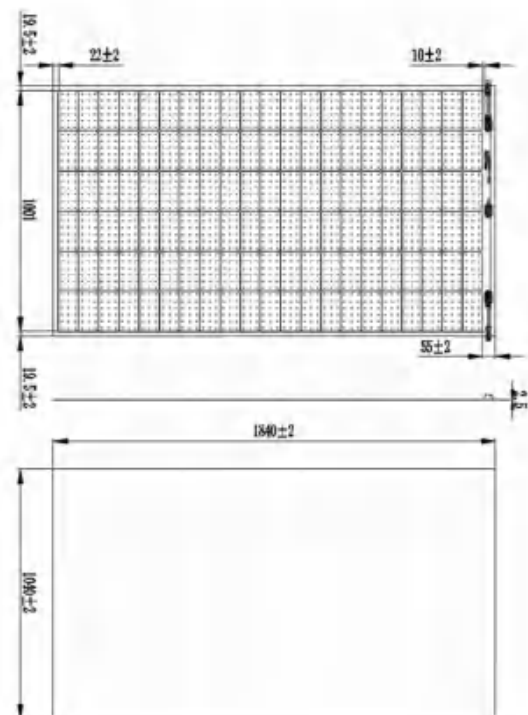
≤2.5%
First Year Degradation

≤0.63%
Year 2-25 Power Degradation

Mechanical Characteristics

Cell Type	Mono Perc Cell
Dimension	1840x1040x2.5mm
Bending Radius	0.3m
Cell Amount	126 (21x6)
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-365W		G6P63MW-370W		G6P63MW-375W		G6P63MW-380W		G6P63MW-385W	
	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)	365	274	370	278	375	282	380	286	385	290
Operating Voltage (Vmpp/V)	34.90	32.80	35.10	33.00	35.30	33.20	35.50	33.40	35.70	33.60
Operating Current (Impp/A)	10.46	8.35	10.54	8.42	10.62	8.49	10.70	8.56	10.78	8.64
Open-circuit Voltage (Voc/V)	42.40	39.90	42.60	40.10	42.80	40.30	43.00	40.50	43.20	40.70
Short-circuit Current (Isc/A)	11.09	8.91	11.16	8.98	11.23	9.05	11.30	9.12	11.35	9.19
Modules Efficiency (%)	20.70		21.00		21.20		21.50		21.80	

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

