



360-380W

Flexible-G6P63MB | 126-cell

Mono-facial Full Black with Black 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



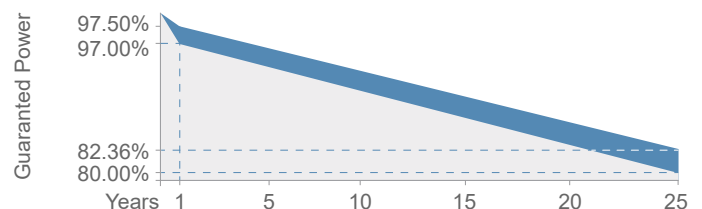
INTRODUCTION

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-G6P63MB 360-380W

380W

Output

21.50%

Efficiency

≤2.5%

First Year Degradation

≤0.63%

Year 2-25 Power Degradation

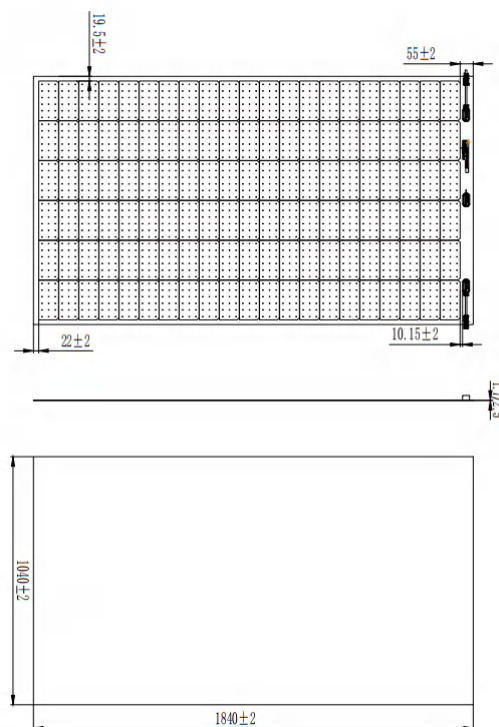
Mechanical Characteristics

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

Packing Configuration

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

TECHNICAL DRAWING



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

Model	G6P63MB-360W		G6P63MB-365W		G6P63MB-370W		G6P63MB-375W		G6P63MB-380W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (P _{max} /W)	360	270	365	274	370	278	375	282	380	286
Operating Voltage (V _{mpp} /V)	34.70	32.60	34.90	32.80	35.10	33.00	35.30	33.20	35.50	33.40
Operating Current (I _{mpp} /A)	10.37	8.28	10.46	8.35	10.54	8.42	10.62	8.49	10.70	8.56
Open-circuit Voltage (V _{oc} /V)	42.40	39.70	42.60	39.90	42.80	40.10	43.00	40.30	43.20	40.50
Short-circuit Voltage (I _{sc} /A)	10.94	8.84	11.02	8.91	11.10	8.98	11.18	9.05	11.26	9.12
Modules Efficiency (%)	20.40		20.70		21.00		21.20		21.50	

Temperature Coefficient

NMOT	43±2°C
Temp Coefficient of ISC	+ 0.06%/°C
Temp Coefficient of VOC	- 0.28%/°C
Temp Coefficient of P _{MAX}	- 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

