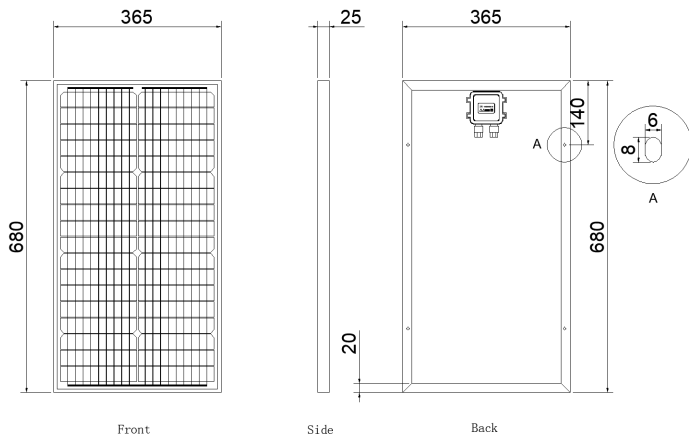
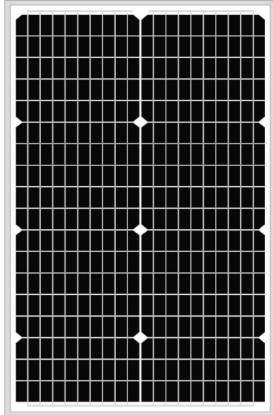


12 YEARS
Guarantee on product material and workmanship

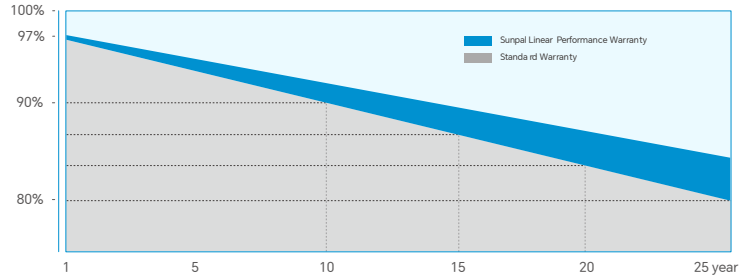
25 YEARS
Linear Power output warranty

STC irradiance
STC irradiance 1000W/m²
Cell Temperature 25°C AM=1.5

NOCT irradiance
NOCT irradiance 800W/m²
Ambient Temperature 20°C AM=1.5



Additional Value



MECHANICAL CHARACTERISTICS

Cell Type	166x33.2Mono
No. of Cells	36(2x18)
Dimensions	680*365*25mm
Weight	2.6kg
Front Glass	3.2mm high transmission low iron,tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65/IP67
Output cables	Without cables and connector
MaxWind Load/Snow Load	2400Pa/5400Pa

ELECTRICAL DATA(STC)

Model Type	FG 40M-36	FG 45M-36
Peak Power(Pmax)	40	45
Maximum Power Voltage(Vmp)	18.62	20.72
Maximum Power Current(Imp)	2.15	2.18
Open Circuit Voltage(Voc)	23.37	23.91
Short Circuit Current(Isc)	2.27	2.3
Module Efficiency(%)	16.12	18.13

* STC: irradiance 1000 W/m², AM 1.5G, and cell temperature of 25°C

TEMPERATURE&MAXIMUM RATING

Maximum System Voltage(V)	1000
Maximum Series Fuse Rating(A)	10
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.350%
Voc Temperature Coefficients(V/°C)	-0.270%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2
Operating and Storage Temperature(°C)	-40 ~ +85

PACKING WAY

20FT	8Packages/3360PCS
40HQ	18Packages/8160PCS



Future Green Technology Co., Ltd.

No.26 Longjing west road, Baiyun District, Guangzhou city, Guangdong Province, China.
Email: info@futuregreenbattery.com Tel: +86-020-31230665