



LIGHTWAY SOLAR MODULE

LW120P36-3/4

- High efficiency cells ensure the high energy yields
- Easy and quick installation design with pre-drilled holes on the frame
- Qualified raw material and advanced encapsulation meets most stringent safety requirements of high voltage operation
- Production facility calibrated and staff trained by TUV

ELECTRICAL DATA @ STC

Module Type		LW110P36-3/4	LW115P36-3/4	LW120P36-3/4
Peak Power_Pmax	W	110	115	120
Power tolerance_ΔPmax	W	±5	±5	±5
Voltage at Pmax_Vmpp	V	17.87	18.06	18.24
Current at Pmax_Imp	A	6.16	6.37	6.58
Open Circuit Voltage_Voc	V	22.5	22.73	22.9
Short Circuit Current_Isc	A	6.51	6.68	6.88
Module Efficiency_η		14.55%	15.22%	15.88%

Values at standard test condition STC: AM 1.5, irradiance 1000W/m², cells temperature 25 C

TEMPERATURE RATING

Temperature Coefficient of Pmax	%/C	-0.42
Temperature Coefficient of Isc	%/C	0.06
Temperature Coefficient of Voc	%/C	-0.32

MAXIMUM RATING

Max. System Voltage	V	600
Nominal operating cell temperature(NOCT)	C	45±2 C
Operating Temperature	C	-40 ~ +85 C
Max. static load, front (eg. snow)	Pa	2400
Max. static load, back (eg. wind)	Pa	2400
Module Dimension(L×W×H)	mm	670*1128*25/30
Weight	kg	7.9

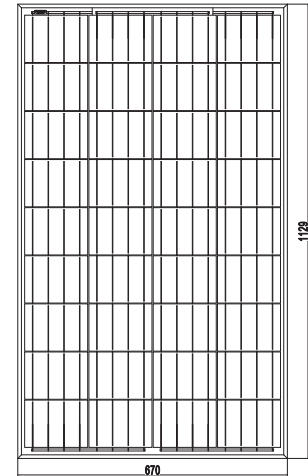
CONSTRUCTION MATERIALS

Solar cells	36/Poly/156mm×117.00mm
Glass	3.2mm Low-iron tempered glass
Encapsulant	Ethylene vinyl acetate(EVA)
Frame	Anodized aluminium alloy(Silver)

Module Warranty:

25-year limited warranty of 80% power output; 10-year limited warranty of 90% power output; 5-year limited warranty of materials and workmanship.

www.lightwaysolar.com
 Tel: +86 312 6932833
 Fax: +86 312 2951166
 Email: commerce@lightwaysolar.com



Unit:mm

