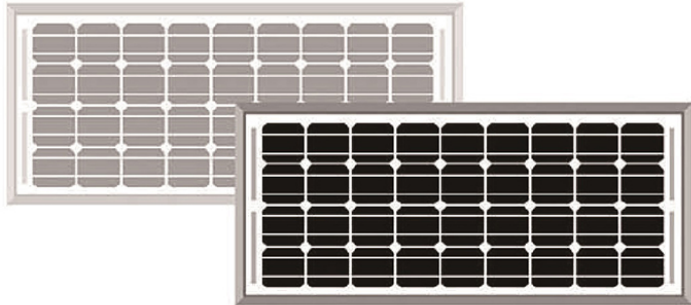


LXM140-160W(36) Photovoltaic Modules

Photovoltaic modules

36pcs 156*156mm mono-crystalline silicon cell



ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007



ICE61215:2005
EN 61730-1:2007
EN 61730-2:2007



Salt Mist And Ammonia Resistance Test

Photovoltaic Modules						
Module	LXM140-160W(36)					
Encapsulation	Glass/EVA/Cell/EVA/TPT					
Size and Number of cells	156mm*156mm 36/9*4pcs					
Maximum Power Pmax	W	140	145	150	155	160
Maximum Power Voltage (Vmp)	V	18.2	18.40	18.6	18.6	18.8
Maximum Power Current (Imp)	A	7.69	7.88	8.06	8.33	8.51
Open Circuit Voltage (Voc)	V	21.84	22.08	22.32	22.32	22.56
Short Circuit Current (Isc)	A	9.23	9.46	9.68	10.00	10.21
Cell efficiency	%	16.3	16.7	17.4	17.6	18.2
Module Efficiency	%	15.79	15.80	15.85	15.89	15.95
Tolerance	%	± 3				
Max.syst.Open CircuitVoltage	V	600				
Diodes	2by-pass					
Dimension	mm	1480*680*35				
Weight	kg	12				
Operate Temp Scope	℃	-40/+85				
Relative humidity	0~100%					
Frame Thickness	mm	35				
Frame Colour	Gold/Browm/Black/Sliver					

Temperature coefficients

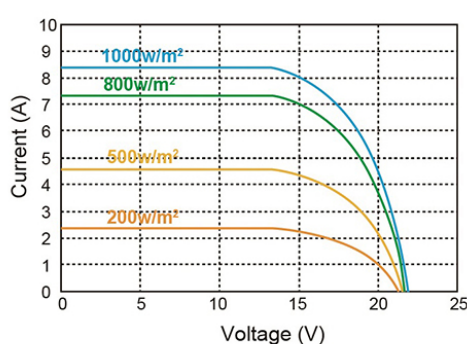
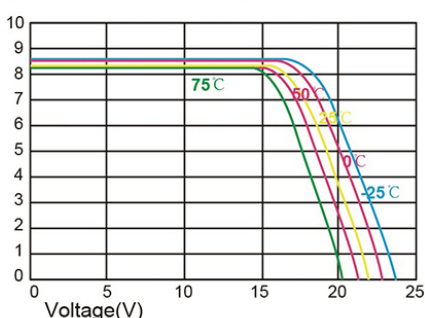
NOCT		46°C±2°C
short-circuit-current temperature coefficients	$\alpha(I_{sc})$	0.08%/°C
open-circuit Voltage temperature coefficients	$\beta(V_{oc})$	-0.32%/°C
peak power temperature coefficients	$\gamma(P_{max})$	-0.38%/°C

NOCT:Nominal Operating Cell Temperature date is only for reference.

Output

Cable 4.0mm²(TUV)	Length 950mm	Connector MC Type
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I-V Cures



Advantage

The LUXURY series modules consist of mono-crystalline high efficient silicon cells, which are individually characterized and electronically matched before interconnection and laminated with toughened glass, EVA and TPT of high quality.

After assembled with anodized aluminum alloy frame, cable and junction box with MC4 connectors, solar modules can be installed easily and work for a long period. At the same time, they can withstand the storm, strong wind and hail impact, etc.

Dimensions

