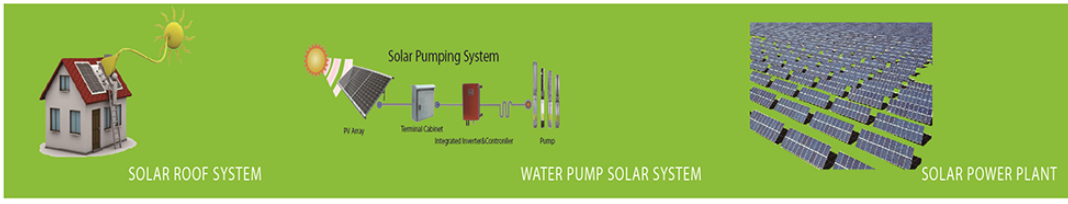
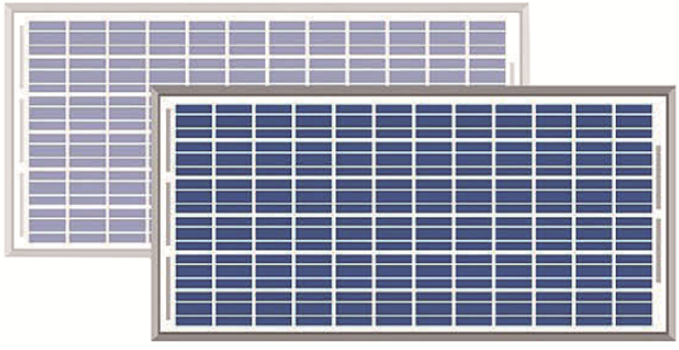
LUXURY
SUMMIT OF TECHNOLOGY



LXP290-330W(72)Photovoltaic Modules

Photovoltaic modues
72pcs 156*156mm poly-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		**LXP290-330W(72)**								
Encapsulation		Glass/EVA/Cell/EVA/TPT								
Size and Number of cells		156mm*156mm 72/6*12pcs								
Maximum Power Pmax	W	290	295	300	305	310	315	320	325	330
Maximum Power Voltage (Vmp)	V	36.2	36.4	36.6	36.8	37	37.2	37.4	37.6	37.8
Maximum Power Current (Imp)	A	8.01	8.10	8.20	8.29	8.38	8.47	8.56	8.64	8.73
Open Circuit Voltage (Voc)	V	43.44	43.68	43.92	44.16	44.4	44.64	44.88	45.12	45.36
Short Circuit Current (Isc)	A	9.61	9.73	9.84	9.95	10.05	10.16	10.27	10.37	10.48
Cell efficiency	%	16.5	16.8	17.1	17.3	17.5	17.7	18	18.2	18.4
Module Efficiency	%	15.6	15.66	15.75	15.77	15.79	15.83	15.85	15.87	15.9
Tolerance	%	±3								
Max.syst.Open CircuitVoltage	V	1000								
Diodes		6by-pass								
Dimension	mm	1956*992*40								
Weight	kg	24								
Operate Temp Scope	℃	-40/+85								
Relative humidity		0~100%								
Frame Thinkness	mm	35,40,45,50								
Frame Colour		Gold/Browm/Black/Sliver								

Temperature coefficients		
NOCT		46℃±2℃
short-circuit current temperature coefficients	α(Lst)	0.08%/℃
open-circuit Voltage temperature coefficients	β(Voc)	-0.32%/℃
peak power temperature coefficients	γ(Pmax)	-0.38%/℃
NOCT:Nominal Operating Cell Temperature date is only for reference.		

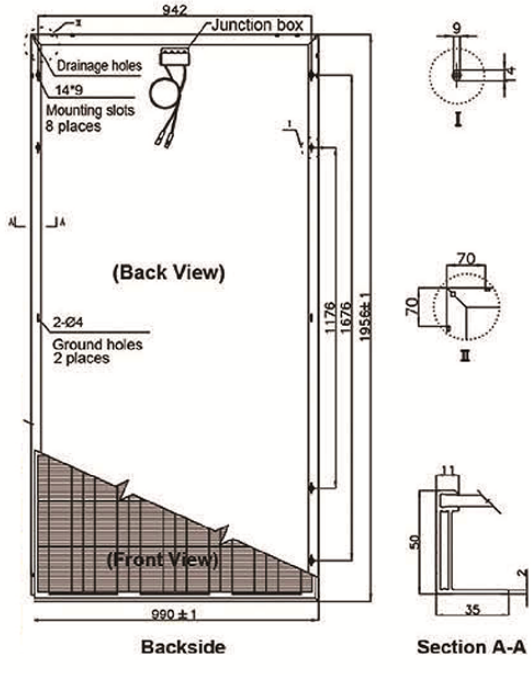
Output		
Cable 4.0mm²(TUV)	Length 900mm	Connecter MC Type

Advantage

The LUXURY series modules consist of poly-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,ect.

Dimensions



I-V Cures