

LUXCO 수상 태양광 모듈

LXS-4LxxxW1/2 Series

전기적 특성

Characteristics	Unit	340	345	350	355	360
공칭최대출력 (Pmax)	W	340	345	350	355	360
공칭최대출력동작전압 (Vmp)	V	38.8	39.1	39.4	39.8	40.2
공칭최대출력동작전류 (Imp)	A	8.77	8.83	8.89	8.92	9.00
공칭개방전압 (Voc)	V	46.6	46.8	47.1	47.3	47.5
공칭단락전류 (Isc)	A	9.52	9.53	9.55	9.56	9.57
효율	%	17.55	17.81	18.06	18.32	18.58

최대시스템전압	VDC	1,000
최대시리즈휴즈전류	A	15
다이오드정격전류	A	15
출력허용오차	W	0 ~ +5

제품 특성

셀 종류	단결정
셀 규격	156.75 × 156.75 mm ²
셀 배열	72(6×12) cell
중량	22.5 kg
작동 온도 범위	-40 to + 80°C
커넥터 종류	MC 4 호환용
정션박스	IP 67 grade
케이블	2×1200 mm / 2×47.2 inch length
하중강도	5,400 Pa

* Module Specifications are subject to change without notice.

* STC(Standard Test Conditions) : 25°C, 1000W/m², AM 1.5

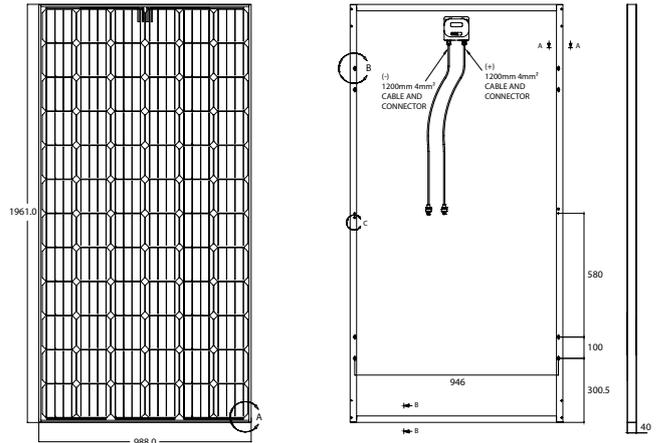
* The electrical properties measured and determined by LUXCO at its sole and absolute discretion.

특징 (Feature)

- 낮은 수면 온도에 의한 발전량 상승
 - 육상 설치 대비 3~5% 발전량 상승
- 친환경 소재 사용
 - 중금속 및 산성분이 없는 친환경 소재 사용
- 공인시험 완료에 의한 고 신뢰성 확보
 - Damp Heat 3,000h Test Pass
 - Temperature Cycle 200 Test Pass
 - Mechanical Load 5,400 Pa Test Pass
 - Potential Induced Degradation Test Pass (NREL PID TEST Standard)



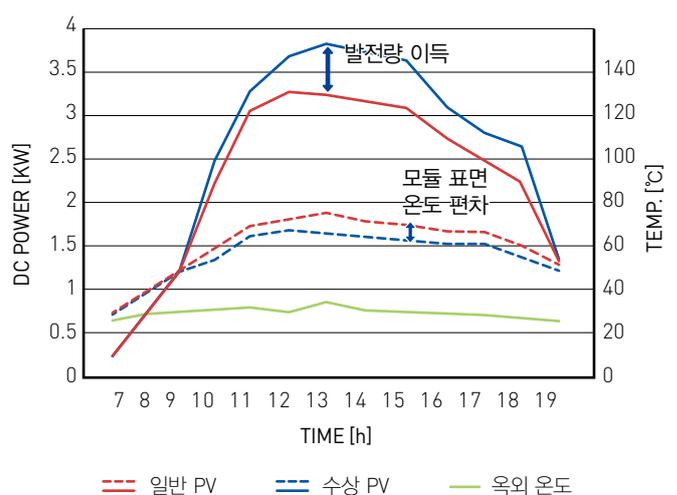
규격(mm) 988 x 1961 x 40



Front

Rear

발전량 그래프



(주) 럭스코
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LUXCO Floating PV Module

LXS-4LxxxW1/2 Series

Electrical Characteristics

Characteristics	Unit	340	345	350	355	360
Rated Power at STC (Pmax)	W	340	345	350	355	360
Max. Power Voltage (Vmp)	V	38.8	39.1	39.4	39.8	40.2
Max. Power Current (Imp)	A	8.77	8.83	8.89	8.92	9.00
Open Circuit Voltage (Voc)	V	46.6	46.8	47.1	47.3	47.5
Short Circuit Current (Isc)	A	9.52	9.53	9.55	9.56	9.57
Efficiency	%	17.55	17.81	18.06	18.32	18.58

Maximum System Voltage	VDC	1,000
Maximum Series Fuse Rating	A	15
Maximum Series Diode Rating	A	15
Power Tolerance	W	0 ~ +5

Mechanical Characteristics

Cell Type	Mono Crystalline Silicon
Cell Dimensions	156.75 x 156.75 mm ²
No. of Cells and Connections	72(6 x 12) connected in Series
Weight	22.5 kg
Operating Temperature	-40 to +80 °C
Connector Type	MC 4 compatible
Junction Box	IP 67
Output Cable	2 x 1200 mm / 2 x 47.2 inch length
Structural Load	5,400 Pa

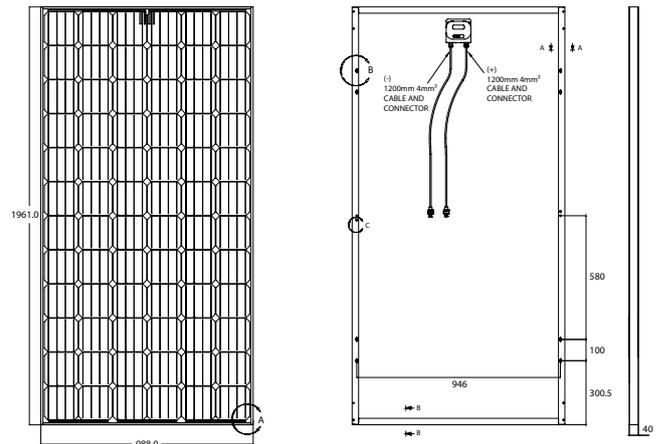
- * Module Specifications are subject to change without notice.
- * STC(Standard Test Conditions) : 25°C, 1000W/m², AM 1.5
- * The electrical properties measured and determined by LUXCO at its sole and absolute discretion.

Feature

- Generated amount's increased by low water temperature.**
 - 3 ~ 5 % Generating amount's increased, comparing to land installation.
- Used eco-friendly materials**
 - Heavy metal / acid free
- Secured public confidence by certificates**
 - Damp Heat 3,000h Test Pass
 - Temperature Cycle 200 Test Pass
 - Mechanical Load 5,400 Pa Test Pass
 - Potential Induced Degradation Test Pass (NREL PID TEST Standard)



Dimensions (mm) 988×1961×40

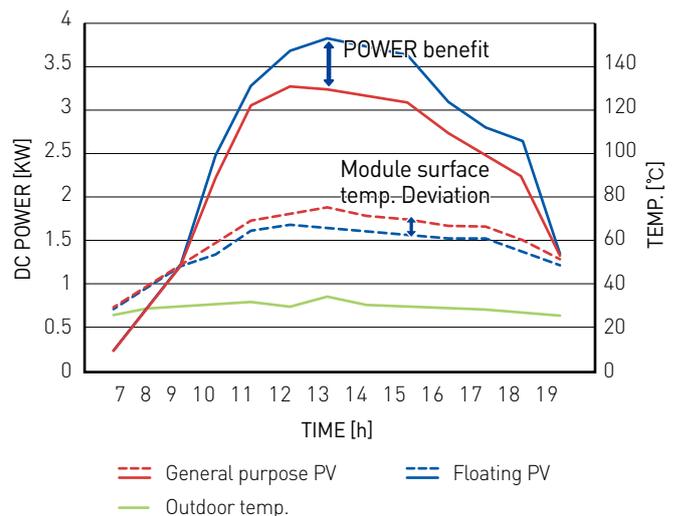


Front

Rear

PV POWER GENERATION graph

based on the same tilt angle power generation analysis



LUXCO Co., Ltd.

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