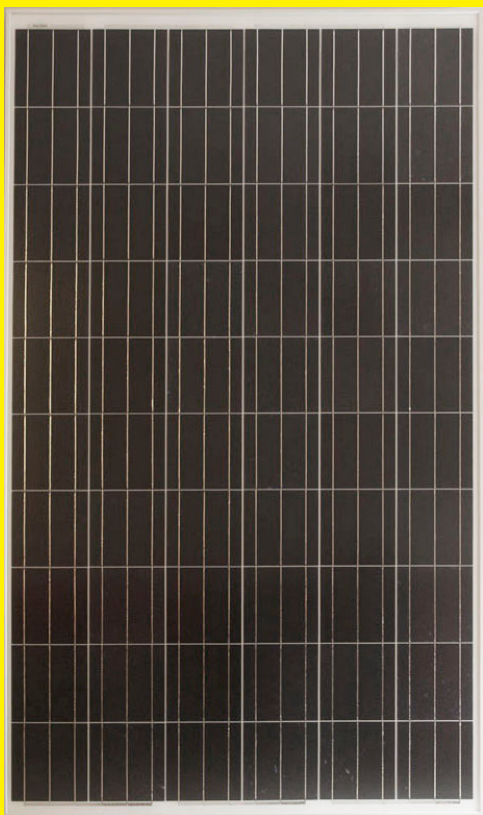




PERLIGHT SOLAR

Poly 6-60 Series

High-efficiency photovoltaic modules
made with silicon nitride coated
polycrystalline solar cells



High strength aluminum frame.
Withstands heavy loads and
allows for easy installation

High-efficiency polycrystalline solar cells. Produces
high maximum power output even under low light
conditions

Advanced low iron tempered glass. Anti-reflection
coatings and high transmission rate increase power
output of the module

High quality EVA and TPT for enhanced durability
and weatherproofing

25 year limited warranty: 5 years materials & work-
manship; 12 years 90% max power; and 25 years
80% max power

IP 65 rated junction box with MC 4 connectors

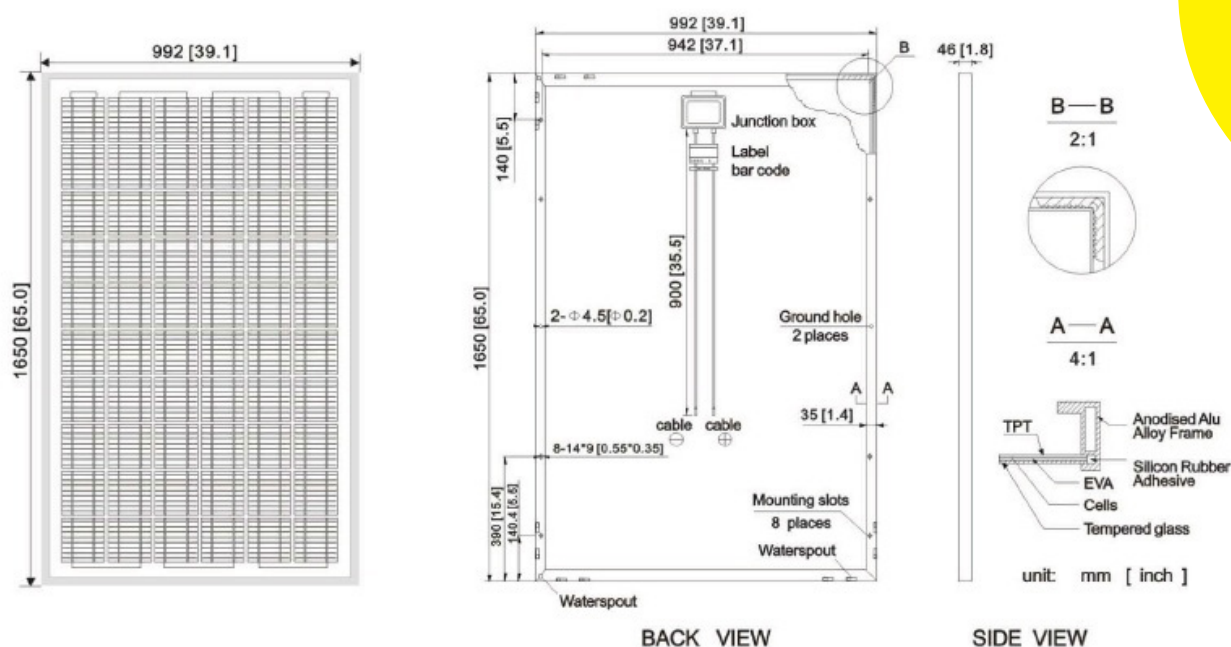
IEC 61215 qualified for extended 2400 Pa wind
loads, 5400 Pa snow loads as well as hailstone im-
pacts

Certifications include ISO 9001 & 14001, UL 1703,
CEC for California, TUV, CE, VDE, MCS and IEC
61215 & IEC 61730

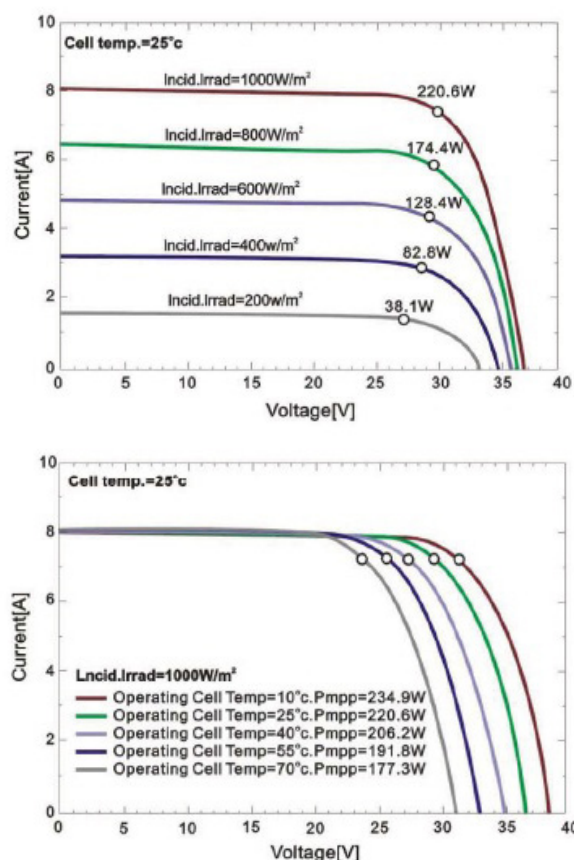


18 kW New Jersey
PLM-P235 modules

Module Diagram



IV Curves



Mechanical Characteristics

Cell Size (in)	6 x 6
Module Size (in)	65.0 x 39.1 x 1.8
# of cells	60 (6x10)
Weight (lbs)	46
# of mounting holes	8
# of waterspouts	16

Temperature Coefficients

NOCT	47 ± 2°C
Isc	+0.05%/°C
Voc	-0.35%/°C
Pm	-0.45%/°C
Power Tolerance	± 3%

Electrical Characteristics

Model	PLM-P230	PLM-P235	PLM-P240
Pm	230	235	240
Vmp	30.0	30.3	30.6
Imp	7.66	7.75	7.84
Voc	37.0	37.3	37.5
Isc	8.18	8.28	8.38
Max sys voltage	1000V	1000V	1000V
Module Efficiency	14.1%	14.4%	14.7%
PTC rating	206.9	210.9	214.9

*outputs given at STC 1,000 W/m² 25°C AM 1.5

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This publication summarizes product warranty and specifications, which are subject to change without notice. Additional information is found on our website.