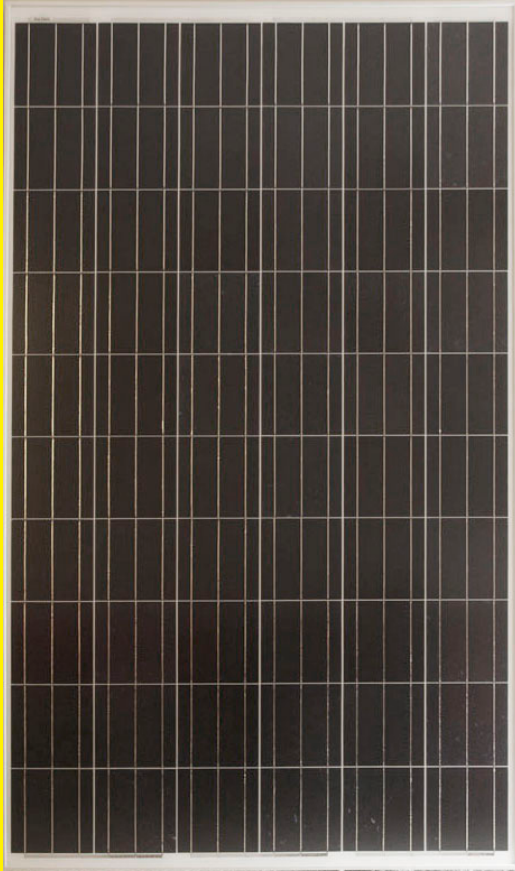




PERLIGHT



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

PERLIGHT SOLAR

PLM P-60 Series

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

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: 7 years materials & workmanship; 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 impacts

Positive tolerance modules with +5 W

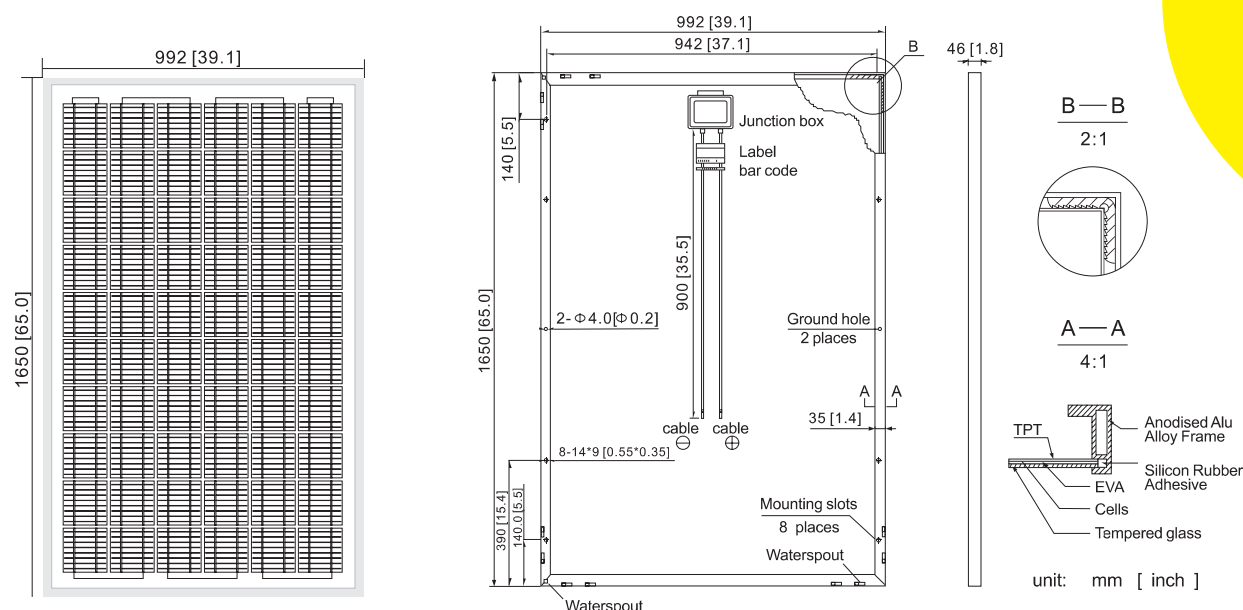
Certifications include ISO 9001 & 14001, UL 1703, CEC for California, TUV, CE, VDE, MCS and IEC 61215 & IEC 61730

Ontario FIT & Buy American modules available

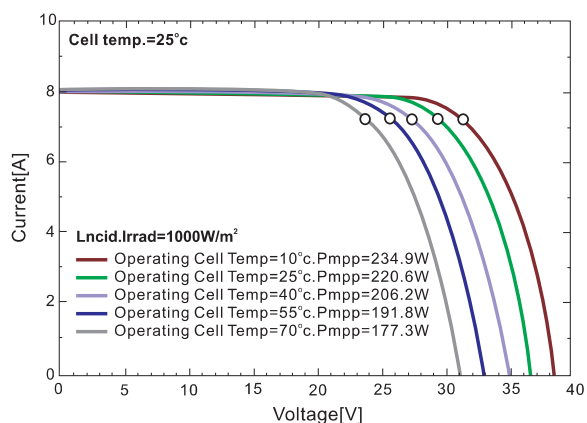
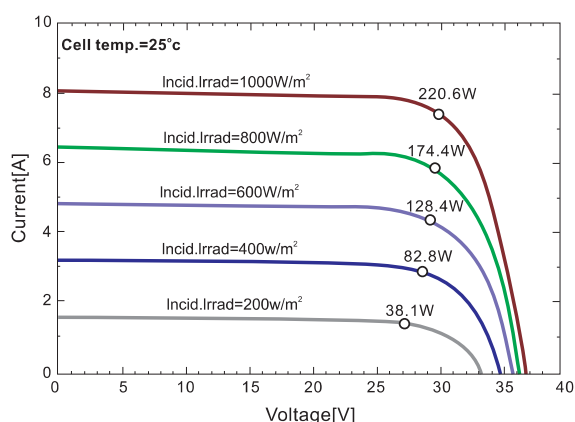


18 kW New Jersey
PLM-P235 modules

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	46 lbs : 21 kg
# 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	+5 W

Electrical Characteristics

Model	PLM-P225	PLM-P230	PLM-P235	PLM-P240
P _m	225	230	235	240
V _{mp}	29.9	30.0	30.3	30.6
I _{mp}	7.53	7.66	7.75	7.84
V _{oc}	36.9	37.0	37.3	37.5
I _{sc}	8.09	8.18	8.28	8.38
Max sys voltage	1000v	1000V	1000V	1000V
Module Efficiency	13.7%	14.1%	14.4%	14.7%
PTC rating	197.4	206.4	210.9	214.6

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

PERLIGHT SOLAR CO., LTD.

China

E# 14th floor, 58 Xinjinqiao Road
Pudong, Shanghai 200129
+86 21 5831 3290
info@perlightsolar.com.cn
www.perlightsolar.com.cn

USA

PO Box 13296
Torrance, CA 90503
(424) 242 8038
info@PerlightUSA.com
www.PerlightUSA.com

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

For product and purchase inquiries contact:

ecodirect

CLEAN ENERGY SOLUTIONS

www.ecodirect.com