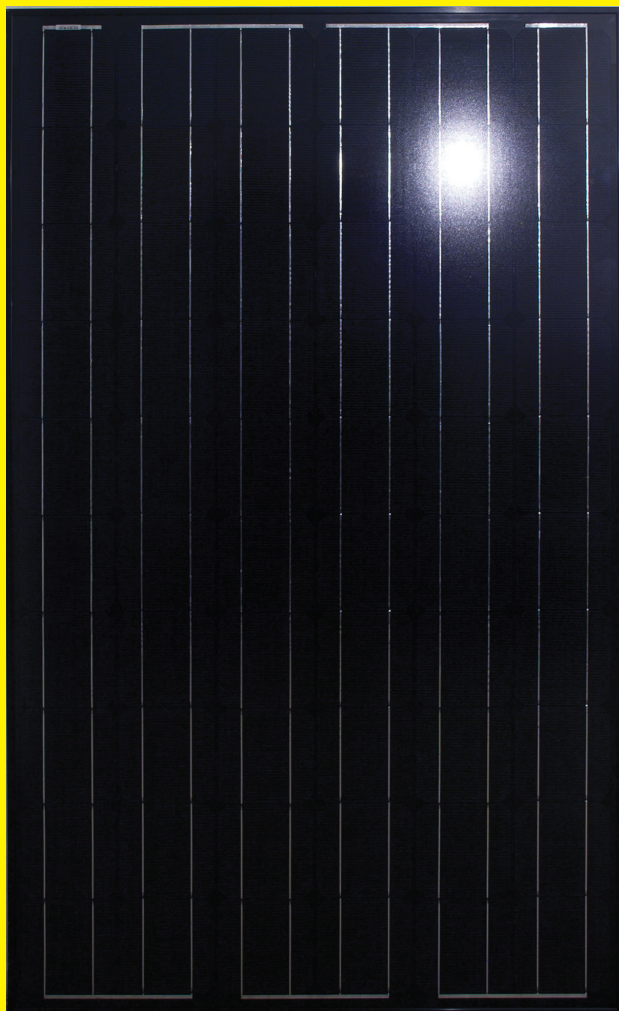




PERLIGHT



Available with Black frames & Black backsheeting (shown) as well as Silver frames & White Backsheeting

PERLIGHT SOLAR

PLM M-60 Series

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

High-efficiency monocrystalline 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

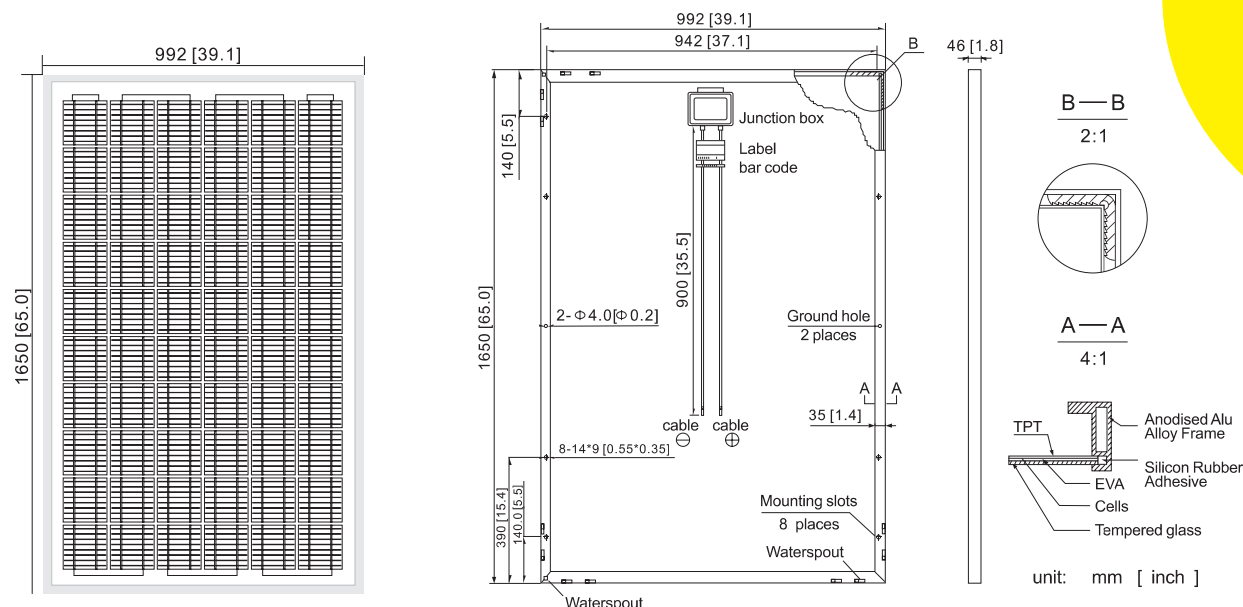
High strength aluminum frame. Withstands heavy loads and allows for easy installation

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



Buy American modules
also available for
ARRA funded projects.

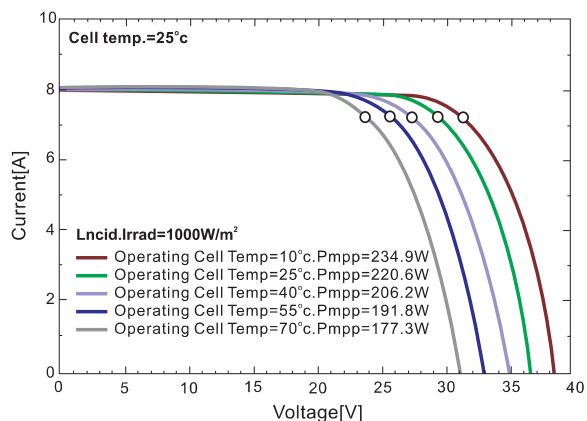
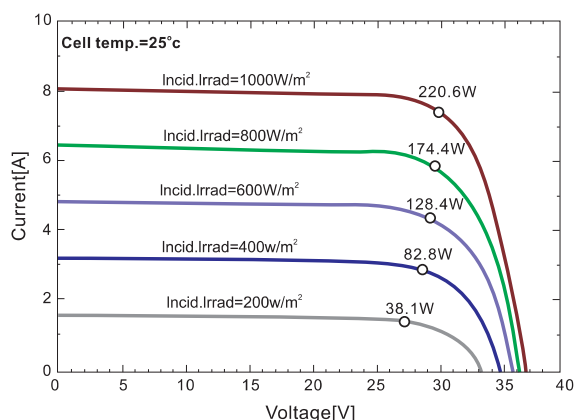
Module Diagram



BACK VIEW

SIDE VIEW

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	+0.03%/°C
Voc	-0.31%/°C
Pm	-0.37%/°C
Power Tolerance	+5 W

Electrical Characteristics

Model	PLM-235	PLM-240	PLM-245	PLM-250
Pm	235	240	245	250
Vmp	30.5	30.7	31.0	31.1
Imp	7.69	7.81	7.90	8.03
Voc	36.8	36.9	37.0	37.1
Isc	8.58	8.73	8.82	8.97
Max sys voltage	1000v	1000V	1000V	1000V
Module Efficiency	14.4%	14.7%	15.0%	15.3%

*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.