For a Free Quote:
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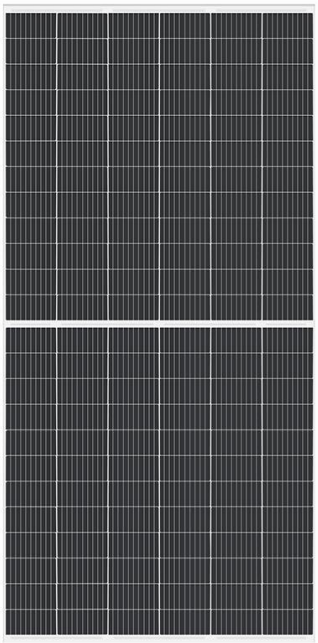
Solar Panel Guide
Specification Data Sheet

CRAFT SOLAR Ltd
M158 Silver 9BB Half Cut Mono 400-410W
CR400-72H158

M158 Silver

9BB HALF CUT MONO MODULE 400-410Watt



KEY FEATURES

Module efficiency up to 20.38%
Higher power brings lower kilowatt-hour cost, higher lifetime generating capacity, simultaneously lower annual power attenuation;

PID Resistant
Excellent PID resistance at 96 hours (85°C/85%) test, and also can be improved to meet higher standards for the particularly harsh environment;

Low-Light Performance
Excellent power generation performance under Low-Light condition due to 9 busbar;

Anti-Crack
Excellent anti-microcracking performance with more balanced interior stress;

Strength and Durability
Certified for 5400Pa snow and 2400Pa loads test;

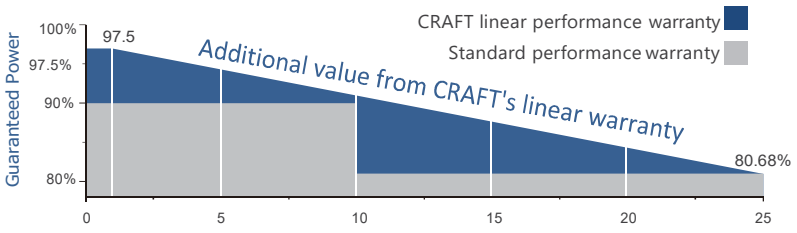
IEC 61215
IEC 61730

System Certification

ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007

Linear Performance Warranty

15 Year Product Warranty - 25 Year Linear Power Warranty



CRAFT SOLAR Introduction

Focusing on global sustainable development, CRAFT SOLAR take the mission of promoting photovoltaic parity on the Internet and popularizing green energy as our mission, providing total solutions from photovoltaic products to photovoltaic applications, constantly innovating, leading the progress of the photovoltaic industry, and using solar energy to benefit all mankind.

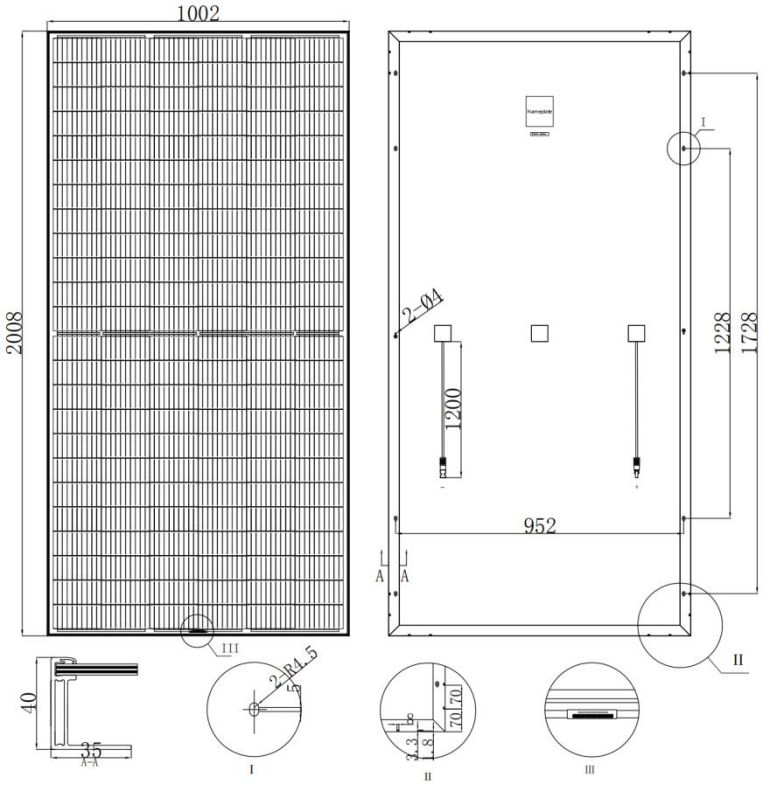
As of 2020, the company's cumulative shipments of components exceeded 100MW,we are deploying downstream ecological chains globally to provide customers with one-stop system integration solutions for development, financing, design, construction, operation and maintenance. Currently, we are moving towards photovoltaic smart energy and energy internet solution providers.

CRAFT

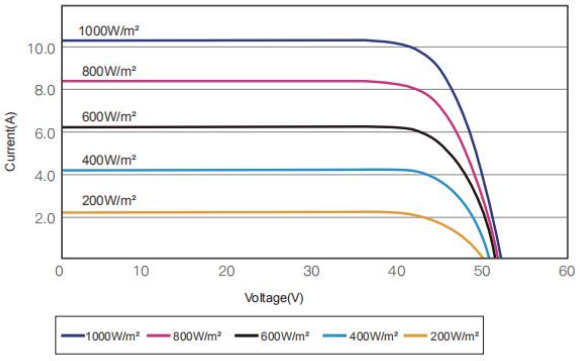
www.craft-solar.cn

European Solar Service

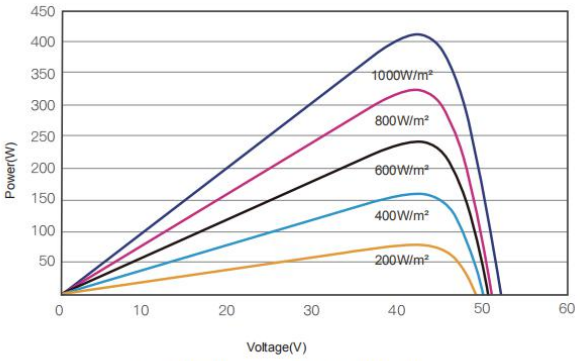
Engineering Drawings



I-V CURVE



I-V CURVES OF PV MODULE(410W)



P-V CURVES OF PV MODULE(410W)

Electrical Specifications (STC)

Model	CR400-72H158	CR405-72H158	CR410-72H158
Maximum Power (Pmax)	400	405	410
Power Tolerance (W)	0~+5	0~+5	0~+5
Open Circuit Voltage (Voc)	49.81	50.54	50.71
MPP Voltage (Vmp)	41.71	42.00	42.41
Short Circuit Current（Isc）	10.36	10.14	10.36
MPP Current（Imp）	9.60	9.65	9.67
Module Efficiency (%)	19.89	20.13	20.38

Mechanical Specifications

Model	Data
Cell Type	9BB Mono 158.75×79.375mm
No. of Cells	144(6×24)
Dimensions	2008×1002×35mm
Weight	22.4kg
Glass	3.2mm, Low Iron Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67/IP68, 3 diodes
Output Cables	4mm², Length 1200mm
Connector type	MC4 compatible

Temperature Specifications

Item	Data
NOCT	45°C ±2°C
Temprature Coefficient (Pmax)	-0.365%/K
Temprature Coefficient (Voc)	-0.285%/K
Temprature Coefficient (Isc)	0.055%/K

Operating Condition	Data
Maximum System Voltage	1000V/1500 VDC(TÜV)
Operating Temperature	-40°C~+85°C
Maximum series fuse rating	15A

Packaging Specifications

Packing unit	30/36pcs.(35mm)
Modules per 40'HQ container	726pcs.(35mm)

Remark

Tolerance	±3%(Vmp,Imp,Voc,Isc)
STC	Irradiance 1000W/㎡, Cell Temperature25°C, AM1.5