



KEY FEATURES



MULTI BUSBAR TECHNOLOGY

Better light trapping and current collection to improve power and reliability.



MULTI-FUNCTION OUTPUT PORT

DC and USB output port match multiple types connector suitable for charging most DC electronic devices.



COVENIENT OPERATION

Charger has legs that can be opened to face the sun to generate electricity.



DURABILITY AND WATER PROOF

Constructed with a durable PCB Board and waterproof outer layer to protect the solar charger performance.



COMPACT DESIGH& LIGHT WEIGHT

Small size is easy to carry, it's the ideal outdoor emergency power supply.



Monocrystalline Perc Cell Foldable Solar Charger

22.50%
MONOCRYSTALLINE
PERC CELL EFFICIENCY

0~+5W
POWER
TOLERANCE

5 Mm
PRODUCT
THICKNESS

2 Years
PRODUCT
WARRANTY



Mechanical Parameters

Cell Type	Monocrystalline PERC Cell 22.5% Eff.
Structure Design	PET/EVA/Solar Cell/EVA/PCB/Fabric
Product Color	Black/Forest Camouflage
Junction Box	Protection Class IP65
Output Voltage	5V/18V/24V/36V Optional
Cable & Connector	Customized
Accessories	Alligator Clip, DC Plug, Anderson & DC Cable
Packaging	2/3/4/5/6/8/10 Pcs Per Carton

Operating Parameters

Maximum System Voltage	600 Vdc (IEC)
Maximum Series Fuse Rating	20A
Power Output Tolerance	0 ~ + 5W
Application Class	Class A
Operating Temperature	-40°C~+85°C

Electrical Characteristics

Model	Power (Wp)	Folding Size (MM)	Open Size (MM)	Vmp (V)	Imp (A)	Voc (V)	Isc (A)	Weight (KG)	G.W./Qty. (Per CTN)	Output Port
HM-2FC-20	20	350*200*35	570*350*5	18.0	1.11	21.6	1.22	0.90	10.00 / 10	DC5.5*2.1 & USB
HM-2FC-30	30	350*285*35	740*350*5	18.0	1.67	21.6	1.83	1.70	14.60 / 8	DC5.5*2.1 & USB
HM-2FC-40	40	405*350*35	880*405*5	18.0	2.23	21.6	2.44	2.20	14.30 / 6	DC5.5*2.1 & USB
HM-3FC-60	60	405*350*40	1250*405*5	18.0	3.34	21.6	3.67	2.85	15.50 / 5	DC5.5*2.1 & USB
HM-4FC-80	80	405*350*45	1610*405*5	18.0	4.45	21.6	4.89	3.50	15.40 / 4	DC5.5*2.1 & USB
HM-4FC-100	100	528*350*45	1605*528*5	18.0	5.56	21.6	6.11	4.30	14.30 / 3	DC5.5*2.1 & USB
HM-4FC-120	120	528*350*45	1650*528*5	18.0	6.67	21.6	7.33	4.30	14.30 / 3	DC5.5*2.1 & USB
HM-3FC-150	150	674*403*40	1460*674*5	18.0	8.33	21.6	9.17	5.50	18.00 / 3	PV1-F1*4mm2/MC4
HM-4FC-160	160	635*350*45	1650*635*5	18.0	8.89	21.6	9.78	5.70	18.50 / 3	PV1-F1*4mm2/MC4
HM-4FC-200	200	674*403*45	1884*674*5	18.0	11.11	21.6	12.22	6.50	21.00 / 3	PV1-F1*4mm2/MC4
HM-5FC-250	250	674*403*50	2315*674*5	18.0	13.89	21.6	15.28	7.60	15.50 / 2	PV1-F1*4mm2/MC4
HM-6FC-300	300	674*403*55	2750*674*5	18.0	16.67	21.6	18.32	8.70	18.50 / 2	PV1-F1*4mm2/MC4

*STC: Irradiance 1000W/m², Module Temperature 25°C, Air Mass 1.5

Temperature Ratings(STC)

Temperature Coefficient (Pm)	-0.370%/°C
Temperature Coefficient (Voc)	-0.280%/°C
Temperature Coefficient (Isc)	0.048%/°C



WARNING:

Modules generates electricity when expose to sunlight. Be careful of dangerous high DC voltage while connecting connectors.



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Due to continuous innovation, R & D and product improvement, Hinergy has the right to adjust the specs on this datasheet at any time without prior notice.