

Rainbow Module

Tile Red / Lavender / Forest Green / Metallic Gray
230W-245W

Color the World in Solar

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230W-245W

新能光電科技股份有限公司
Sunshine PV Corp.



Temperature Coefficient

Temp. Coeff. of Isc	0.05%/K
Temp. Coeff. of Voc	-0.32%/K
Temp. Coeff. of Pmax	-0.41%/K

Loading Capacity

20 ft container	40mm frame: 288pcs (24pcs/pallet)
	46mm frame: 252pcs (21pcs/pallet)
40 ft container	40mm frame: 624pcs (24pcs/pallet)
	46mm frame: 546pcs (21pcs/pallet)
40 ft HQ container	40mm frame: 702pcs (27pcs/pallet)
	46mm frame: 624pcs (24pcs/pallet)

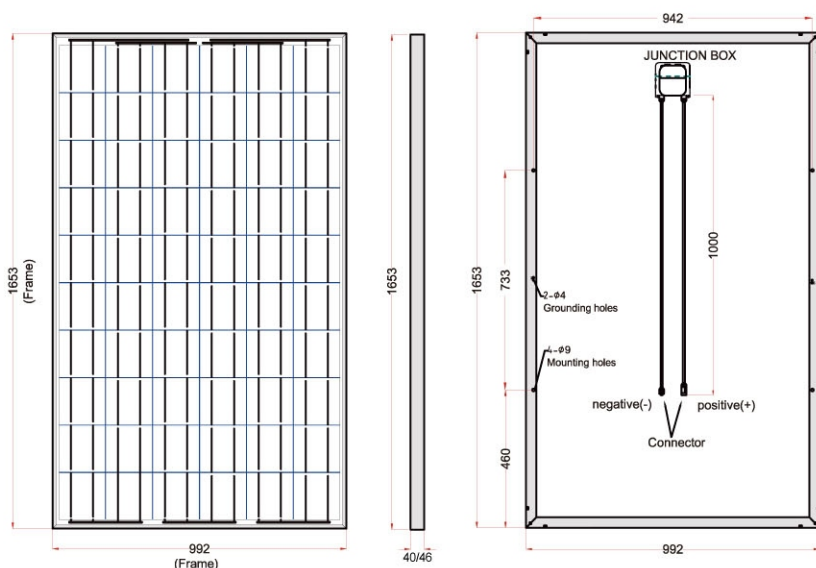
Maximum Operation

Operational Temperature	-40°C to +85°C (-40°F to +185°F)
Maximum System Voltage	1000V DC
Maximum Reverse Current	15A
Maximum Load	5400Pa

Warranty

10 year limited product workmanship warranty
10 year warranty on 90% minimum rated power output
25 year warranty on 80% minimum rated power output

Mechanical Data



Dimension: 1653mm x 992mm x 40/46mm

Cells: 60 polycrystalline 156x156mm cells

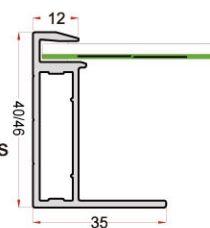
Connection: Junction box IP65 with 3 bypass diodes

Cable: 4mm²x1.0m with Tyco or MC4 compatible connectors

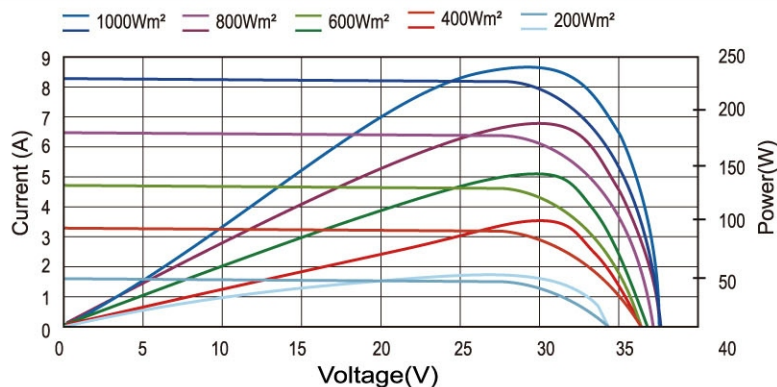
Frame: Anodized aluminum

Weight: 18.0kg/39.68lbs (40mm frame)

19.5kg/42.95lbs (46mm frame)



IV Curve



Electrical Characteristics

Class	Maximum Power (W)	Open Circuit Voc	Short Circuit Isc	Nominal Voltage Vmax	Nominal Current Imax
Lavender	245	38.11	8.59	30.30	8.06
Forest Green	245	38.13	8.60	30.61	8.03
Tile Red	240	38.03	8.39	30.40	7.92
Metallic Gray	230	38.12	7.96	30.22	7.25

* ARC cover glass

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