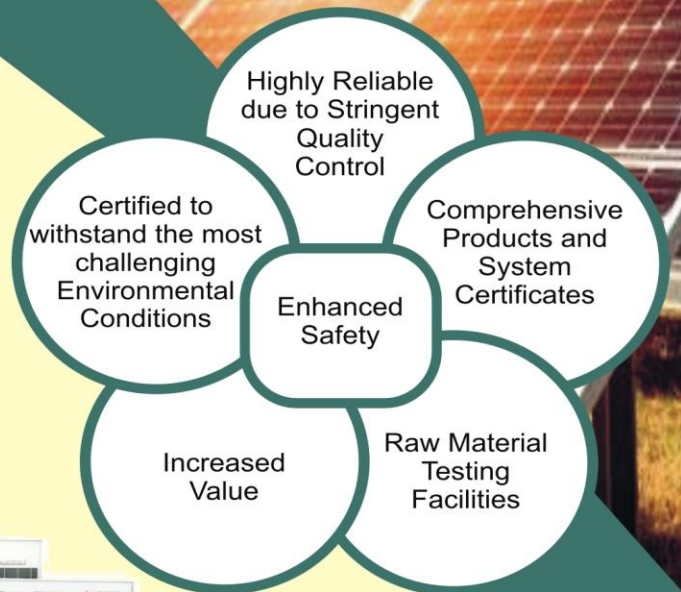


155W-330W
POWER OUTPUT RANGE

POLY CRYSTALLINE FULL CELL SERIES



Warranty :

- 10 Years Limited Product Warranty
- 25 Years Limited Power Output Warranty
- Minimum 90% at the end of 10 years
- Minimum 80% at the end of 25 years

Key Features

- Designed with new generation PERC Technology
- Higher cell Efficiency than conventional Polycrystalline cells
- More Power Output per Sq. meter
- Outstanding Low Light and Longer wavelength performance
- Lower temperature co-efficient
- Only positive power output tolerance
- Designed for 1500V System

POLY CRYSTALLINE FULL CELL MODULE DATA SHEET

Product Portfolio	PV Model	Open Circuit Voltage	Rated Voltage	Rated Current	Short Circuit Current	Module Efficiency	Module Fill Factor	Module Weight	Module Dimensions (mm)		
	Watts	Voc	Vmp	Imp	Isc	%	FF	Kg	L	W	H
12 Volt Series	ECE-160	22.72	19.48	8.227	8.702	16.16	80.25	12.3	1010	990	35
	ECE-165	22.97	19.76	8.35	8.823	16.67	80.62	12.3	1010	990	35
	ECE-170	23.26	19.98	8.509	8.97444	17.17	80.64	12.3	1010	990	35
	ECE-190	26.69	22.92	8.31	8.78	16.63	80.42	15.5	1165	990	35
	ECE-200	27.45	23.66	8.45	8.94	17.50	80.65	15.5	1165	990	35
	ECE-225	30.99	26.67	8.44	8.91	17.31	80.66	17.3	1325	990	35
24 Volt Series	ECE-270	38.10	32.64	8.285	8.77	16.71	80.17	19.0	1645	990	35
	ECE-280	38.64	33.24	8.426	8.90	17.33	80.63	19.0	1645	990	35
	ECE-300	42.04	36.10	8.31	8.80	16.97	80.28	20.3	1800	990	35
	ECE-310	42.54	36.74	8.44	8.95	17.53	80.63	20.3	1800	990	35
	ECE-320	45.576	39.024	8.21	8.76	16.58	79.45	21.8	1965	990	35
	ECE-325	45.792	39.24	8.3	8.8	16.83	80.01	21.8	1965	990	35
	ECE-330	46.08	39.6	8.35	8.86	17.09	80.18	21.8	1965	990	35
	ECE-335	46.22	39.82	8.41	8.89	17.85	81.88	21.8	1965	990	35
	ECE-340	46.66	40.31	8.44	8.91	17.61	81.84	21.8	1965	990	35

All Data refers to STC (AM 1.5, 1000 W/m², 25°C)

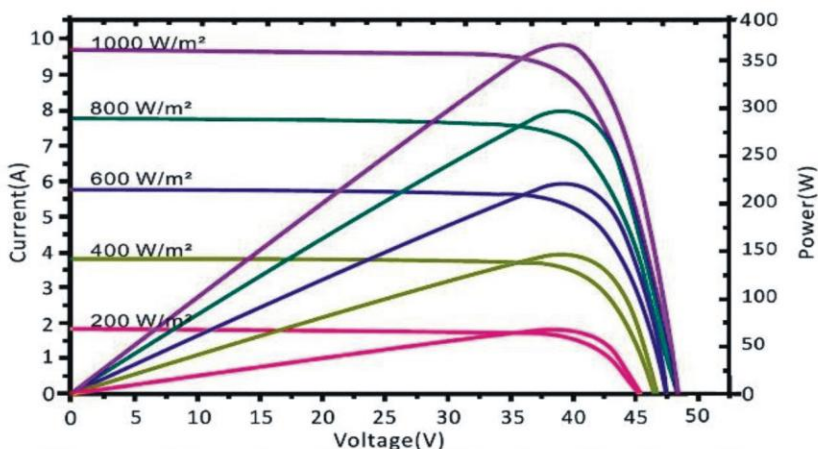
Temperature Co-efficient for Voc/°C (β) = -0.38%, Isc/°C (α) = 0.06%, Power/°C (?) = -0.39%

NOCT : 45°C ± 2°C at 800 W/m², AM 1.5, wind 1 m/s, Temp. 20°C

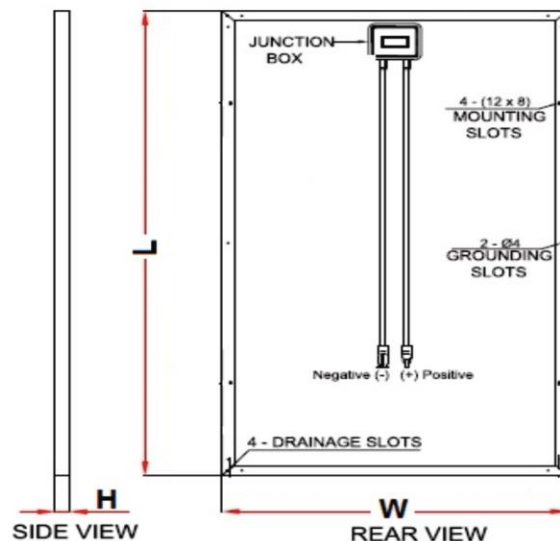
Operating Conditions: - 40°C to + 85°C at 85% RH

Maximum Load Condition: Sustain Heavy wind & snow loads (2400 Pa & 5400 Pa or 550 Kg/m²)

I-V Characteristics at different Irradiations



Module Dimensions



Note: All the parameters are nominal unless and otherwise specified, and are for reference purpose only. Company reserves the rights to change the specifications without prior notice.

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