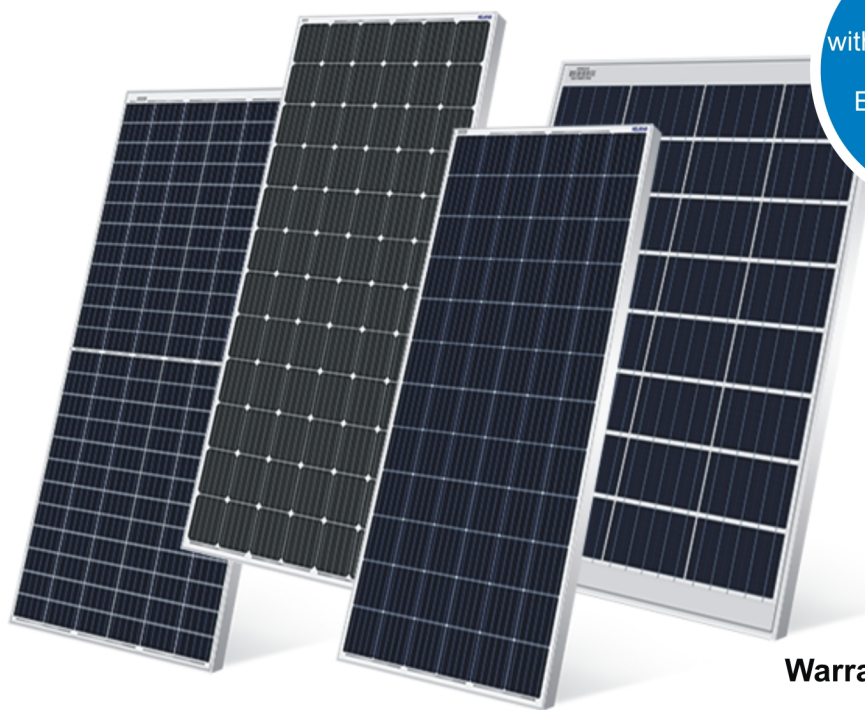


30W-385W
POWER OUTPUT RANGE

MONO PERC CUT 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

MONO PERC CUT 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-30	23.69	20.27	1.48	1.60	10.66	79.32	5.84	428	670	35
	ECE-40	22.68	19.15	2.10	2.30	20.39	76.92	5.84	428	670	35
	ECE-55	22.32	19.44	2.83	3.13	22.06	78.76	5.84	546	670	35
	ECE-60	23.72	20.27	2.96	3.20	24.06	79.11	5.84	546	670	35
	ECE-80	22.61	19.15	4.19	4.60	11.97	77.16	5.84	775	670	35
	ECE-110	22.68	19.44	5.67	6.27	12.44	77.51	7.75	1010	670	35
	ECE-125	24.05	20.59	6.07	6.45	14.13	80.18	7.75	1010	670	35
	ECE-145	24.26	20.81	6.97	7.31	14.68	81.64	8.48	1135	670	35
24 Volt Series	ECE-175	46.94	40.03	4.38	4.77	17.68	78.39	16.46	1010	990	35
	ECE-210	44.93	38.16	5.51	6.09	16.03	76.76	16.46	1335	990	35
	ECE-225	46.37	39.38	5.72	6.08	17.17	79.91	16.46	1335	990	35
	ECE-230	46.73	39.82	5.79	6.33	17.56	77.85	16.46	1335	990	35
	ECE-255	48.38	41.47	6.15	6.49	19.46	80.50	16.46	1335	990	35
	ECE-275	47.74	40.75	6.75	7.23	18.80	80.51	16.46	1490	990	35
	ECE-290	48.46	41.54	6.98	7.31	19.83	81.39	16.46	1490	990	35
48 Volt Series	ECE-300	79.08	67.44	4.45	4.80	18.57	79.06	18.50	1645	990	35
	ECE-310	79.92	68.28	4.54	4.84	19.19	80.16	18.50	1645	990	35
	ECE-320	79.92	69.30	4.62	4.89	19.81	81.92	18.50	1645	990	35
	ECE-350	93.6	79.34	4.41	4.76	18.13	78.63	22.00	1965	990	35
	ECE-360	94.89	81.07	4.45	4.80	18.65	79.20	22.00	1965	990	35
	ECE-370	95.76	81.93	4.52	4.83	19.17	80.16	22.00	1965	990	35
	ECE-375	96.40	82.36	4.56	4.84	19.42	80.80	22.00	1965	990	35
	ECE-380	96.48	82.66	4.60	4.85	19.68	81.17	22.00	1965	990	35
	ECE-385	96.92	82.88	4.65	4.87	20.35	81.57	22.00	1965	990	35

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

Temperature Co-efficient for Voc/° C (β) = -0.34%, Isc/° C (α) = 0.05%, Power/° C (?) = - 0.43%

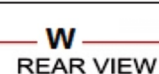
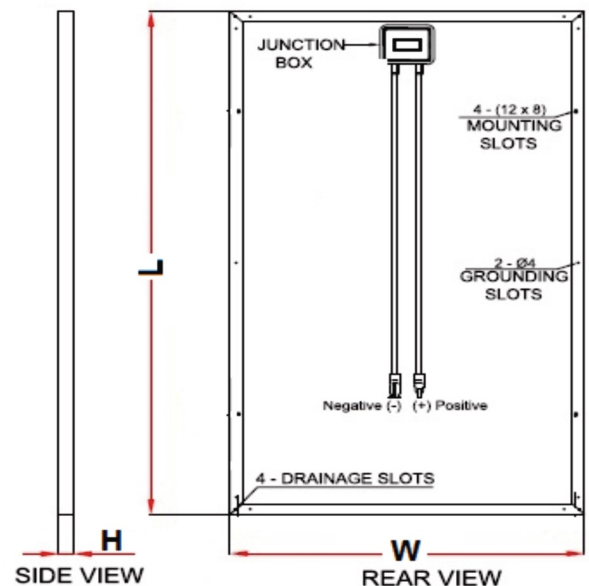
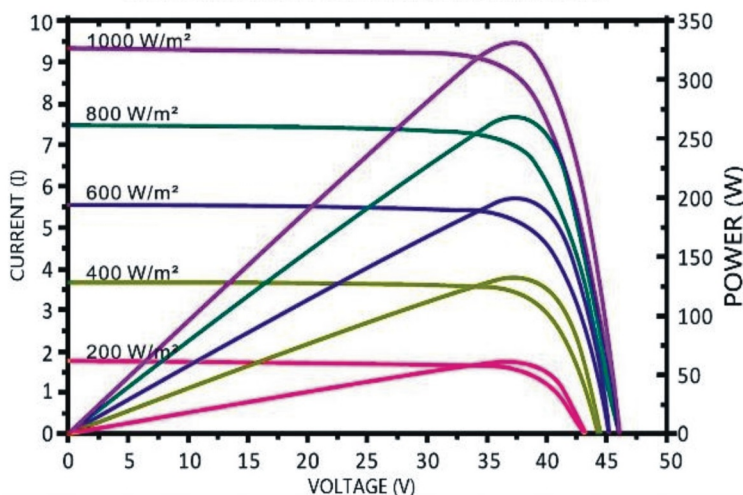
NOCT : 45°C ± 2°C at 800 W/m², AM 1.5, wind 1 m/s

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)

IV Characteristics at different Irradiations

Module Dimentions



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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