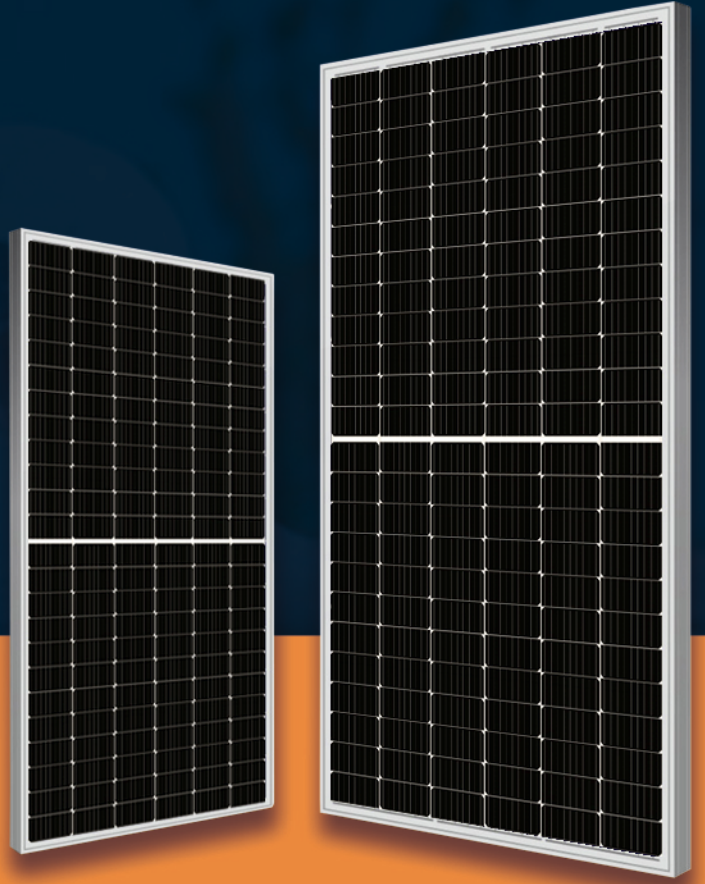


144 SERIES

MONOFACIAL PERC

530Wp to 550Wp



SALIENT FEATURES



HIGH
REMUNERATION



OPTIMUM RAW
MATERIALS



VOLTAGE



NEGLIGIBLE
POWER LOSS



HIGHER OUTPUT



ASSURED POWER

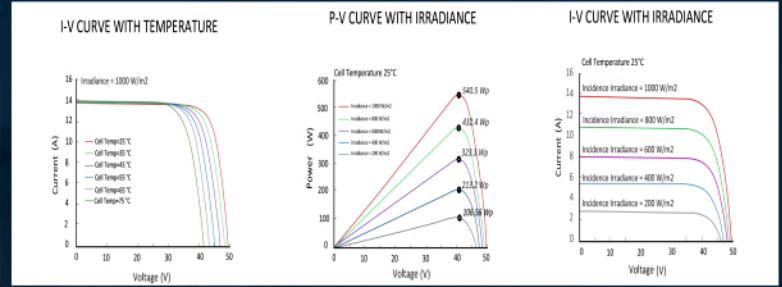
Electrical Parameter

Module Type

	STC [#]	NOCT [#]	STC [#]	NOCT [#]	STC [#]	NOCT [#]	STC [#]	NOCT [#]	STC [#]	NOCT [#]
Capacity rating – P _{max} (Wp)	530	389.25	535	394.55	540	399.85	545	405.70	550	411.55
Power Tolerance (%)	0-2	-	0-2	-	0-2	-	0-2	-	0-2	-
Module efficiency (%)	20.59	-	20.78	-	20.98	-	21.17	-	21.37	-
Rated voltage – V _{mp} (V)	41.47	38.23	41.62	38.43	41.78	38.62	41.92	38.88	42.07	39.13
Rated current – I _{mp} (A)	12.80	10.20	12.87	10.28	12.94	10.36	13.02	10.45	13.09	10.55
Open circuit voltage, V _{oc} (V)	48.94	44.27	49.09	46.00	49.27	47.73	49.42	46.49	49.57	45.25
Short circuit current – I _{sc} (A)	13.70	10.94	13.75	11.04	13.84	11.14	13.91	11.21	13.99	11.27

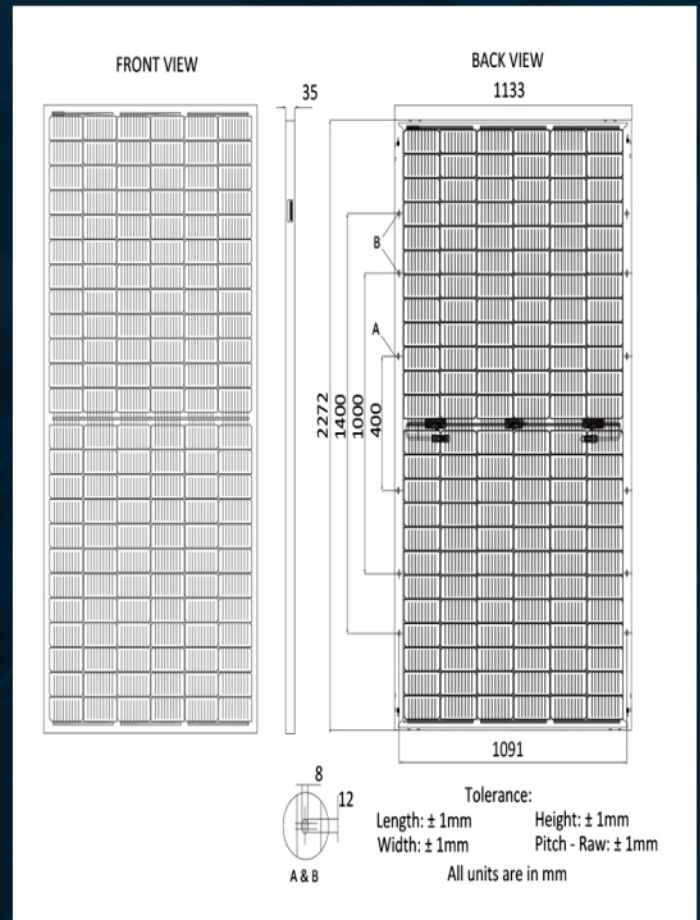
Temperature Coefficients (TC) & Permissible Operation Conditions

Tk Ics %/C	0.0475
Tk Voc %/C	-0.28
Tk Pmax %/C	-0.35
NOCT	43+-2



Mechanical Specification

Module Design	Twin-Peak
Matrix	2*12*6
No of cell	144
Full Cell Size (mm)	182
Cut Cell Size (mm)	91
Cell Busbar	12
Cell Type	Mono-PERC
Max System Voltage (V)	1500
Maximum Series Fuse Rating (A)	25A
Length (mm)	2272
Width (mm)	1133
Frame Size (mm)	35
Module Weight (kg)	27.5
Cable Length (mm)	400
Connector	MC4
X-Pitch (mm)	1091



Y-Pitch 1 (mm)	400
Y-Pitch 2 (mm)	1000
Y-Pitch3 (mm)	1400

- 📍 **FACTORY :** 189, BLOCK NO.71, OPP SHIV SHAKTI ESTATE, OLPAD SAYAN ROAD, OLPAD, SURAT - 394540. (GUJ.) INDIA.
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