

REC N-PEAK 2 SERIES

PREMIUM MONO N-TYPE SOLAR PANELS



MONO N-TYPE: THE MOST EFFICIENT C-SI TECHNOLOGY



NO LIGHT INDUCED DEGRADATION



SUPER-STRONG FRAME UP TO 7000 PA



FLEXIBLE INSTALLATION OPTIONS



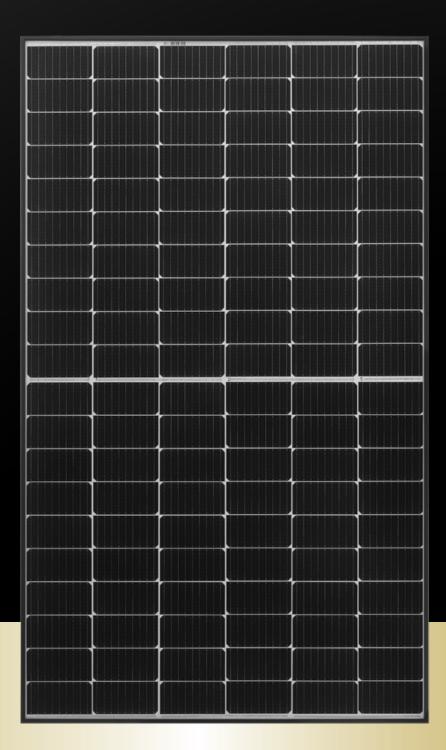
PIONEERING TWIN DESIGN



BIFACIAL CELLS CAN PRODUCE ENERGY FROM BOTH SIDES







REC N-PEAK 2 SERIES

PRODUCT SPECIFICATIONS

CENEDAL DATA



GENERALL	JAIA
Cell type:	120 half-cut bifacial mono c-Si n-type cells 6 strings of 20 cells in series
Glass:	0.13 in (3.2 mm) solar glass with anti-reflective surface treatment in accordance with EN 12150
Backsheet:	Highly resistant polymer
Frame:	Anodized aluminum (black) with silver support bars
Junction box:	3-part, 3 bypass diodes, lead-free IP68 rated, in accordance with IEC 62790
Connectors:	$St\"{a}ubliMC4PV\text{-}KBT4/KST4\left(4mm^2\right)\\inaccordancewithIEC62852,IP68onlywhenconnected$
Cable:	12 AWG (4 mm²) PV wire, 43+47 in (1.1+1.2 m) in accordance with EN 50618
Dimensions:	$69.1x40.94x1.2in(19.70ft^2)/1755x1040x30mm(1.83m^2)$
Weight:	44.0 lbs (20.0 kg)
Origin:	Made in Singapore

	-	28 [1.1]	-	1755±2.5 [69.10 ±0.1] 845 [33.27]	→	455 [17.91]	
1040±2.5 [40.94±0.1]	0		in the second of	156 [6.14]	1100 [43.3]	5.5±0.2 [0.22±0.01]	999 [39,33]
_	17 [0.7]	20.5±0.5 [0.8±0.02]		156 [6.14]	1200 [47.2]	1 [25.1 ±0.04]	0 ,
	=		22.3	[0.5]		urements in mm (in	30 [1.2

CERTIFICATIONS

IEC 62804

ELECTRICAL DATA		Pr	oduct Code	*: RECxxxN	P2	
Power Output - P _{MAX} (Wp)	350	355	360	365	370	375
Watt Class Sorting - (W)	0/+5	0/+5	0/+5	0/+5	0/+5	0/+5
Nominal Power Voltage - $V_{MPP}(V)$	33.1	33.5	33.9	34.3	34.7	35.0
Nominal Power Current - I _{MPP} (A)	10.57	10.60	10.62	10.65	10.68	10.72
Open Circuit Voltage - V _{oc} (V)	40.6	40.7	40.8	40.9	41.1	41.3
Short Circuit Current - $I_{SC}(A)$	11.25	11.27	11.31	11.36	11.41	11.46
Panel Efficiency (%)	19.1	19.4	19.7	20.0	20.3	20.5
Power Output - P _{MAX} (Wp)	264	268	272	276	280	283
Nominal Power Voltage - $V_{MPP}(V)$	31.0	31.3	31.7	32.1	32.5	32.7
Nominal Power Current - I _{MPP} (A)	8.54	8.56	8.58	8.60	8.63	8.66
Open Circuit Voltage - V _{oc} (V)	38.0	38.1	38.2	38.2	38.4	38.6
Short Circuit Current - I _{SC} (A)	9.06	9.10	9.13	9.18	9.22	9.26
$Values at standard test conditions (STC: air mass AM 1.5, irradiance 10.75 W/sq ft (1000 W/m^2), temperature 77°F (25°C), based on a production spread and the standard test conditions (STC: air mass AM 1.5, irradiance 10.75 W/sq ft (1000 W/m^2), temperature 77°F (25°C), based on a production spread and the standard test conditions (STC: air mass AM 1.5, irradiance 10.75 W/sq ft (1000 W/m^2), temperature 77°F (25°C), based on a production spread and the standard test conditions (STC: air mass AM 1.5, irradiance 10.75 W/sq ft (1000 W/m^2), temperature 77°F (25°C), based on a production spread and the standard test conditions (STC: air mass AM 1.5, irradiance 10.75 W/sq ft (1000 W/m^2), temperature 77°F (25°C), based on a production spread and the standard test conditions (STC: air mass AM 1.5, irradiance 10.75 W/sq ft (1000 W/m^2), temperature 77°F (25°C), based on a production spread and the standard test conditions (STC: air mass AM 1.5, irradiance 10.75 W/sq ft (1000 W/m^2), temperature 77°F (25°C), based on a production spread and the standard test conditions (STC: air mass AM 1.5, irradiance 10.75 W/sq ft (1000 W/m^2), temperature 77°F (25°C), based on a production spread and the standard test conditions (STC: air mass AM 1.5, irradiance 10.75 W/sq ft (1000 W/m^2), temperature 77°F (25°C), based on a production spread and the standard test conditions (STC: air mass AM 1.5, irradiance 10.75 W/sq ft (1000 W/m^2), temperature 10.75 W/sq ft (1000 W/m^2), temper$						

with a tolerance of P_{MAX} , V_{OC} & I_{SC} ± 3% within one watt class. Nominal module operating temperature (NMOT: air mass AM1.5, irradiance 800 W/m², temperature 68°F (20°C), windspeed 3.3 ft/s (1 m/s).* Where xxx indicates the nominal power class (P_{MAX}) at STC above.

IEC 61701 Salt Mist IEC 62716 Ammonia Resistance UL 61730 Fire Type Class 2 IEC 62782 Dynamic Mechanical Load IEC 61215-2:2016 Hailstone (35mm) ISO 14001, ISO 9001, IEC 45001, IEC 62941

IEC 61215:2016, IEC 61730:2016, UL 61730

PID









TEMPERATURE RATINGS*	
Nominal Module Operating Temperature:	44.3°C (±2°C)
Temperature coefficient of P_{MAX} :	-0.34 %/°C
Temperature coefficient of V_{oc} :	-0.26 %/°C
Temperature coefficient of I_{SC} :	0.04 %/°C

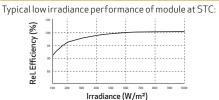
*The temperature coefficients stated are linear values

MAXIMUM RATINGS			
Operational temperature:	-40+85°C		
Maximumsystemvoltage:	1000 V		
Maximum test load (front):	+7000 Pa (146 lbs/ft²)*		
Maximum test load (rear):	- 4000 Pa (83.5 lbs/ft²)*		
Max series fuse rating:	25 A		
Max reverse current:	25 A		
*See installation manual for mounting instructions. Design load = Test load / 1.5 (safety factor)			

MANUAL IN A DATINICO

WARRANTY				
	Standard	REC	ProTrust	
Installed by an REC Certified Solar Professional	No	Yes	Yes	
System Size	All	≤25 kW	25-500 kW	
Product Warranty (yrs)	20	25	25	
Power Warranty (yrs)	25	25	25	
Labor Warranty (yrs)	0	25	10	
Power in Year 1	98%	98%	98%	
Annual Degradation	0.25%	0.25%	0.25%	
Power in Year 25	92%	92%	92%	
See warranty documents for details. Conditions apply				

DELIVERY INFORMATION	
Panels per pallet:	33
Panels per 40 ft GP/high cube container:	858 (26 pallets)
Panels per 53 ft truck:	924 (28 pallets)



LOW LIGHT BEHAVIOUR