REC N-PEAK BLACK SERIES

PREMIUM FULL BLACK MONO N-TYPE SOLAR PANELS WITH SUPERIOR PERFORMANCE

- MONO N-TYPE: THE MOST EFFICIENT C-Si TECHNOLOGY
- NO LIGHT INDUCED DEGRADATION
- SUPER-STRONG FRAME UP TO 7000 PA SNOW LOAD
- FLEXIBLE INSTALLATION OPTIONS
- IMPROVED PERFORMANCE IN SHAD ED CONDITIONS
- GUARANTEED HIGH POWER OVER LIFETIME

325 WP POWER

ELIGIBLE FOR REC 25 YEAR ProTrust WARRANTY

SOLAR'S MOST TRUSTED
REC N-PEAK BLACK SERIES

GENERAL DATA

Cell type: 120 half-cut n-type mono c-Si cells
6 strings of 20 cells in series

Glass: 0.13” (3.2 mm) solar glass with anti-reflection surface treatment

Backsheet: Highly reflective and resistant polymeric construction (black)

Frame: Anodized aluminum (black)

 Junction box: 3-part, 3 bypass diodes, IP67 rated
in accordance with IEC 62790

Cable: 12 AWG (4 mm²) PV wire, 39 + 47” (1 m + 1.2 m)
in accordance with EN 50678

Connectors: Stäubli MC4 PV-KBT4/KST4, 12 AWG (4 mm²)
in accordance with IEC 62852

 Origin: Made in Singapore

MECHANICAL DATA

Dimensions: 65.9 x 39.25 x 1” (1675 x 997 x 30 mm)

Area: 1798 ft² (167 m²)

Weight: 39.7 lbs (18 kg)

MAXIMUM RATINGS

Operational temperature: -40...+85°C

Maximum system voltage: 1000 V

Design load (+) snow: 4666 Pa (97.5 lbs/ft²)*

Maximum test load (+): 7000 Pa (146 lbs/ft²)*

Design load (-) wind: 2666 Pa (55.7 lbs/ft²)*

Maximum test load (-): 4000 Pa (83.5 lbs/ft²)*

Max series fuse rating: 20 A

Max reverse current: 20 A

* Calculated using a safety factor of 1.5

† See installation manual for mounting instructions

TEMPERATURE RATINGS *

Nominal Operating Cell Temperature: 44°C (112°C)

Temperature coefficient of Pmax: -0.35 %/°C

Temperature coefficient of Voc: -0.27 %/°C

Temperature coefficient of Isc: 0.04 %/°C

* The temperature coefficients stated are linear values

LOW LIGHT BEHAVIOUR

Typical low irradiance performance of module at STC.

CERTIFICATIONS

REC Group is an international pioneering solar energy company dedicated to empowering consumers with clean, affordable solar power in order to facilitate global energy transitions. Committed to quality and innovation, REC offers photovoltaic modules with leading quality, backed by an exceptional low warranty claims rate of less than 0.005%. Founded in Norway in 1996, REC employs 2,000 people and has an annual solar panel capacity of 18 GW. With over 10 GW installed worldwide, REC is empowering more than 16 million people with clean solar energy. REC Group is a Bluestar Elkem company with headquarters in Norway, operational headquarters in Singapore, and regional bases in North America, Europe, and Asia-Pacific.

www.recgroup.com

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