

REC ALPHA[®] PRO M SERIES

Commercial Ground Mount Solutions from Solar's Most Trusted

Designed specifically for commercial ground mount solar PV installations, the REC Alpha Pro M maintains long-term high power and delivers on the promise of quality.

610-640 W_p
HETEROJUNCTION
TECHNOLOGY

22.5%
MAX. EFFICIENCY

>92%
POWER IN
YEAR 25

-0.24%/K
TEMPERATURE
COEFFICIENT OF P_{MAX}



High Power Output

Reaching 640 W_p, the REC Alpha Pro M is a high-power panel optimized for large-scale installations, enabling business to boost energy production and ROI.

Enhanced Durability

The REC Alpha Pro M is built to withstand challenging environmental conditions thanks to support bars across the rear of the panel, ensuring long-lasting performance.

Peak Impact

The larger format of the REC Alpha Pro M can mean faster installations, savings on balance of systems costs, and lower levelized cost of energy.



Bloomington-Normal | JATC Training Facility
System size: 50.4 kW
Panel type: 80 x REC Alpha Pro M
Location: Bloomington, IL
Installer: Legacy Solar & Electric

Pro M Spotlight: Ground Mount Solution

"For almost 30 years, REC has combined high-efficiency technology with sustainable business practices. Choosing REC means investing in performance and sustainability."

Mark Miller, Legacy Solar & Electric

SOLAR'S MOST TRUSTED



WHY REC?



A Secure Investment

The REC Alpha Pro M panel boosts your customer's solar investment by packing more power, efficiency and yield in less space. And we guarantee **92% of that original power output at year 25!**



World-Class Warranty

REC stands behind its award-winning panels with REC ProTrust*, a comprehensive package that offers a **25-year warranty** for each of product, performance, and labor.



Solar's Most Trusted

Founded in Norway in 1996, REC's combination of product quality, company reliability, and commitment to being a technology leader makes us an ideal brand for your solar investment.



Backed by Reliance

REC's parent company is Reliance Industries Limited, a Fortune Global 500 company, which strongly positions REC for exponential growth and to remain an industry leader.

REC ALPHA[®] PRO M SERIES PRODUCT SPECIFICATIONS

GENERAL DATA

Cell type:	120 half-cut REC bifacial heterojunction cells			
Dimensions:	85.6 x 51.4 x 1.2 in (30.6 ft ²) / 2175 x 1305 x 30 mm (2.84 m ²)			
Weight:	71.6 lb / 32.5 kg			
Origin:	Made in Singapore			

ELECTRICAL DATA PRODUCT CODE*: RECXXXAA PRO M

Power Output - P _{MAX} (Wp)	600	610	620	630	640
Power Density (W/ft ²)	19.6	19.9	20.3	20.6	20.9
Panel Efficiency (%)	21.1	21.5	21.8	22.2	22.5

TEMPERATURE RATINGS

Nominal Module Operating Temperature:	44°C (±2°C)
Temperature coefficient of P _{MAX} & V _{OC} :	-0.24 %/K
Temperature coefficient of I _{SC} :	0.04 %/K

The temperature coefficients stated are linear values

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%
Max. Annual Degradation	0.25%	0.25%	0.25%
Min. Power in Year 25	92%	92%	92%

*REC ProTrust Warranty applies only for (i) REC panels installed by an REC Certified Solar Professional, and (ii) panels have been registered by the installer with REC. Subject to System Size and further conditions. See www.recgroup.com for details.

