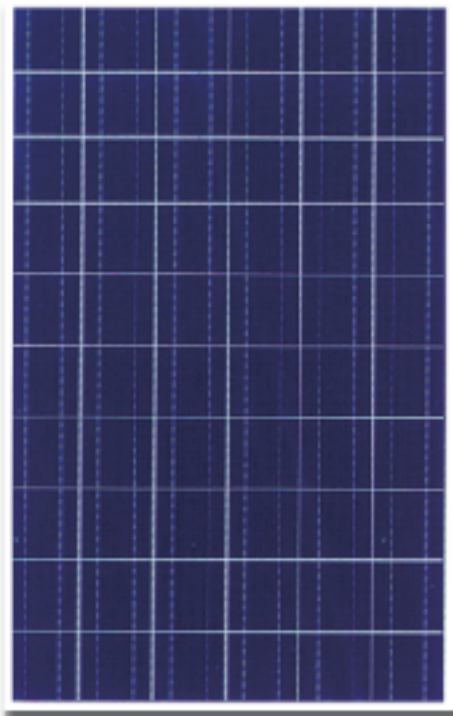


205/210/215/220/225/230/235 W Poly 205-235 Watt



Established in 2009, Jiangsu Runner PV Technology Co., Ltd. is specialized in manufacturing PV cells and modules as well as the application of PV systems.

RN235P-156 Series POLY CRYSTALLINE MODULE



KEY FEATURES

Our solar cells offer high conversion efficiency to ensure high quality. Our high performing modules have an industry low tolerance of +/-3%. Can withstand high wind-pressure, snow load and extreme temperature. Passed IEC 5400 Pa mechanical loading test.

QUALITY&SAFETY

Power output warranty(10/90%,25/80%)
5-year warranty on product materials and processing technology
ISO 9001:2008(Quality Management System) certified factory
IEC61215、IEC61730 certified products

APPLICATIONS

On-grid residential roof-tops
On-grid commercial/industrial roof-tops
Solar power plants
Off-grid system
Other on-grid applications



Sales Department

Address: No.1 Qiantangjiang Road, Wuxi-Xinyi Industrial Zone, Xinyi City, Jiangsu Province, China
Tel: +86 516 87826666
Fax: +86 516 85816666
E-mail: Anna@runner-pv.com

Typical Data at Standard Test Conditions (STC)

Module Type		RN205P-156	RN210P-156	RN215P-156	RN220P-156	RN225P-156	RN230P-156	RN235P-156
Nominal Peak Power	[W]	205	210	215	220	225	230	235
Power Tolerance	[%]	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Peak Power Voltage	[V]	28.5	29	29	29	29.5	29.5	30
Peak Power Current	[A]	7.19	7.24	7.41	7.59	7.63	7.8	7.83
Open Circuit Voltage	[V]	35.3	36	36	36	36.6	36.6	37.2
Short Circuit Current	[A]	7.77	7.82	8.01	8.19	8.24	8.24	8.46

Maximum System Voltage [V] 1000

STC: Standard Test Conditions; 1000W/m², 25°C, AM 1.5

Thermal Characteristics

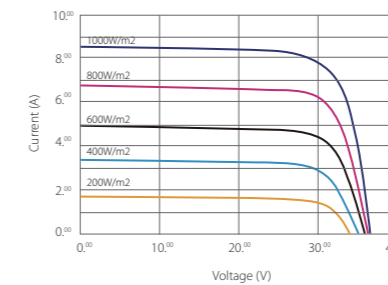
NOCT (Nominal Operating Cell Temperature)	°C	48±2°C
Temperature Coefficient I _{sc}	TK I _{sc}	0.04 [%/K]
Temperature Coefficient V _{oc}	TK V _{oc}	-0.33 [%/K]
Temperature Coefficient P _{mp}	TK P _{mp}	-0.43 [%/K]

Mechanical Characteristics

Dimensions (L / W / H)	1650×992×45mm
Weight [KG]	22.5
Front cover (material / thickness)	low-iron tempered glass, 3.2mm
Cells	polycrystallines 156×156mm/60pcs
Encapsulation materials	Ethylene Vinyl Acetate (EVA)
Rear cover(Material/thickness[mm])	TPT
Frame (material)	robust anodized aluminum alloy

Current-Voltage Curve (230P-156)

Efficiency:	up to 14.4
Max. Wattage:	236 W
Guarantee:	25 years



Operating Conditions

Temperature	-40°C to +90°C
Max. Load	5400 Pa

Packaging Configuration

Quantity/Pallet	21pcs/pallet	23pcs/pallet
Loading Quantity	252pcs/20'gp	644pcs/40hq

Warranty

Warranty 25 years power warranty, 5 years product warranty
More details are available in our Warranty conditions

