

# 165/170/175/180/185/190/195 W Mono 165-195 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.

## RN195M-125 Series MONO 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		RN165M-125	RN170M-125	RN175M-125	RN180M-125	RN185M-125	RN190M-125	RN195M-125
Nominal Peak Power	[W]	165	170	175	180	185	190	195
Power Tolerance	[%]	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Peak Power Voltage	[V]	35	35.5	35.5	36	36	36.5	36.5
Peak Power Current	[A]	4.71	4.79	4.93	5.00	5.14	5.21	5.34
Open Circuit Voltage	[V]	42.7	43.3	43.3	43.9	43.9	44.5	44.5
Short Circuit Current	[A]	5.04	5.08	5.23	5.30	5.45	5.52	5.77
Maximum System Voltage [V]		1000						

STC: Standard Test Conditions; 1000W/m<sup>2</sup>, 25°C, AM 1.5

### Thermal Characteristics

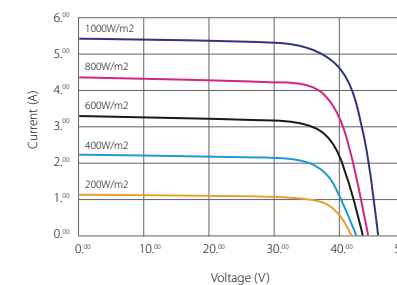
NOCT (Nominal Operating Cell Temperature)	°C	48±2°C	
Temperature Coefficient I <sub>sc</sub>	TK I <sub>sc</sub>	0.04	[%/K]
Temperature Coefficient V <sub>oc</sub>	TK V <sub>oc</sub>	-0.33	[%/K]
Temperature Coefficient P <sub>mp</sub>	TK P <sub>mp</sub>	-0.43	[%/K]

### Mechanical Characteristics

Dimensions (L / W / H)	1580×808×35mm		
Weight [KG]	15.5		
Front cover (material / thickness)	low-iron tempered glass, 3.2mm		
Cells	monocrystallines 125×125mm/72pcs		
Encapsulation materials	Ethylene Vinyl Acetate (EVA)		
Rear cover(Material/thickness[mm])	TPT		
Frame (material)	robust anodized aluminum alloy		

### Current-Voltage Curve (180M-125)

Efficiency:	up to 14.3
Max. Wattage:	183 W
Guarantee:	25 years



### Operating Conditions

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

### Packaging Configuration

Quantity/Pallet	26pcs/pallet	26pcs/pallet
Loading Quantity	364pcs/20'gp	728pcs/40'gp

### Warranty

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