



WWW.RESTARSOLAR.COM

### ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	<b>20W</b>
Open Circuit Voltage-Voc(V)	21.26V
Short Circuit Current-Isc(A)	1.23A
Maximum Power Voltage-Vmp(V)	17.28V
Maximum Power Current-Imp(A)	1.17A
Module Efficiency (%)	10.58%

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

### MECHANICAL DATA

Solar cells	Mono-crystalline 123 x 32 mm 2 bus bars
Cell configuration	36 (18x2)
Module dimensions	652x287x25mm
Weight	3KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP65

### TEMPERATURE & MAXIMUM RATINGS

Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficient of Voc	-0.36%/°C
Temperature Coefficient of Isc	-0.03%/°C
Temperature Coefficient of Pmax	-0.45%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1000V(IEC)/600V(UL)
Max Series Fuse Rating	10A
Limiting Reverse Current	10A

## RTM-20M

### 36 Cells

Mono-crystalline

### 20W

Power output

### 10.58%

The Highest Efficiency

### 0~+3W

Tolerance

**Full range of products and certification systems**

ISO 9001 TUV PID-FREE CE IEC61215/61730/61701/62716

