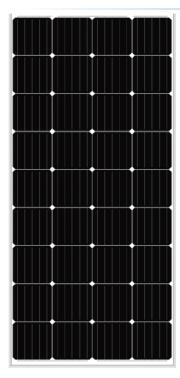
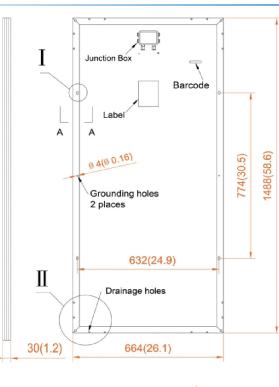
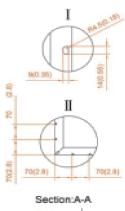


Mono Solar Panel









MANAGEMENT SYSTEM

ISO 9001: Quality management system

ISO 14001: Standard for environmental management system

OHSAS 18001 OHSAS 18001: International standard for occupational health and safety assessment system



PRODUCT CERTIFICATES

Cac

Electrical Characteristics under STC*

Module Type	FSM170M636	FSM175M636	FSM180M636	FSM185M636	FSM190M636			
Maximum Power-Pmax (Wp)	170	175	180	185	190			
Voltage at Maximum Power-Vmp (V)	19.2	19.3	19.5	19.7	19.9			
Current at Maximum Power-Imp (A)	8.86	9.07	9.24	9.39	9.55			
Open Circuit Voltage-Voc (V)	23.4	23.6	23.9	24.1	24.4			
Short Circuit Voltage-Isc (A)	9.38	9.61	9.81	9.93	10.08			
Module Efficiency- ղ m (%)	17.2	17.7	18.2	18.7	19.2			
Power Tolerance (%)	0/+3	0/+3	0/+3	0/+3	±3			

*STC (Standard Testing Conditions): Irradiance 1000W/m², cell temperature 25°C, AM=1.5

*NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², ambient temperature 20 °C, wind speed 1 m/s

Mechanical Characteristics

Mechanical Characteristics		Temperature Characteristics		
Cell Type	Mono-crystalline 156.75×156.75mm	NOCT*	45±2℃	
Number of Cells	36 (4×9)	Temperature Coefficient of Pmax (%)	-0.40/° ℃	
Dimension	1488×664×30mm	Temperature Coefficient of Voc (%)	- 0.31/° C	
Weight	12 kg	Temperature Coefficient of Isc (%)	0.04/° C	

Maximum System Ratings

Operating Temperature Maximum System Voltage Maximum Series Fuse Rating 16A



Packing Configuration

(JET)

Quantity per Cartoon	35 pieces
Quantity per 20' Container	490 pieces
Qauntity per 40' Container	1,470 pieces

* The datasheet is for informational purposes only and subject to change without prior notice. Copyright © 2018 TAMRONS All rights reserved.



Positive Power Tolerance +0 ~ +4.99 w

Withstand Heavy Loading Front load 5400 Pa & Rear Load 2400 Pa

Excellent Low Light Performance 3.5% relative eff. reduction at low-irradiance (200w/m²) Tamrons Active International Limited web: www.tamrons.com; mail: sales@tamrons.com Production plants in China, Taiwan, Dubai and Thailand can meet the customer's needs and brand OEM

