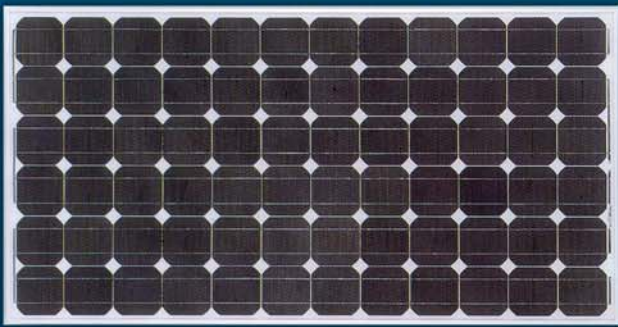


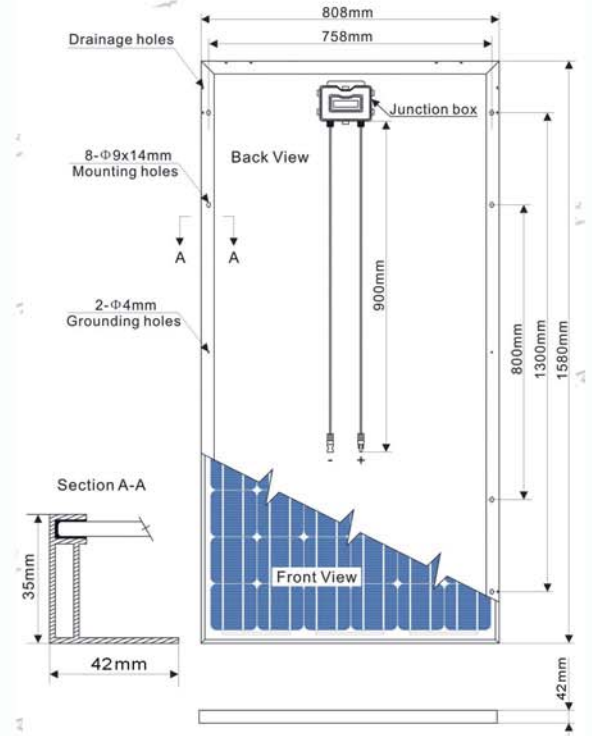
HIGH PERFORMANCE PHOTOVOLTAIC MODULES SERIES'

W VenTek

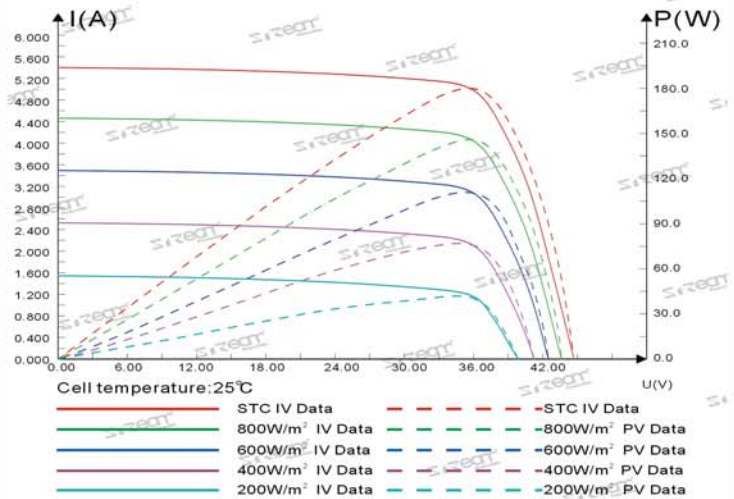
F series module



DIMENSIONS



CHARACTERISTIC CURVES



F-series module

Technical Datasheet

MECHANICAL PARAMETERS		WORKING CONDITIONS	
Cell	Mono 125mm x 125mm	Maximum System Voltage	1000V
Weight	15.5kg/16kg	Typical Application	24V
Dimensions(L x W x H)	1580mm x 808mm x 42mm	Operating Temperature	-40°C ~ +85°C
Front Glass	3.2mm thick	Maximum Series Fuse	8A
Number of Cells	72(6 x 12)	Wind Resistance	5400Pa
Type of Output Terminal	Junction box(IP65)	Application Class	Class A
Cable Length	900mm	Safety Class	Class II
Cable Cross Section Size	Φ4mm ²	PACKING CONFIGURATION	
Number of Diodes	3	Box	Pallet
Type of Connector	Locking type plug	2pcs/box	52pcs/pallet

Standard test condition: 1000W/m², AM=1.5, 25°C

ELECTRICAL PARAMETERS

Type	Max. Power (Pm / W)	Max. Power Current(I _m /A)	Short Circuit Current(I _{sc} /A)	Max. Power Voltage(V _m /V)	Open Circuit Voltage(V _{oc} /V)	Module Efficiency (%)	Cell Efficiency (%)
SE195M-24/F	195	5.23	5.56	37.3	45.3	15.3	17.5
SE190M-24/F	190	5.17	5.51	36.8	45.1	14.9	17.0
SE185M-24/F	185	5.10	5.46	36.3	44.9	14.5	16.6
SE180M-24/F	180	5.03	5.41	35.8	44.7	14.1	16.1
SE175M-24/F	175	4.96	5.36	35.3	44.5	13.7	15.7
SE170M-24/F	170	4.89	5.31	34.8	44.3	13.3	15.2
SE165M-24/F	165	4.82	5.26	34.3	44.1	12.9	14.8
NOCT: 45°C ±2°C		Power Tolerance: +3%		Temperature Coefficient of I _{sc} :		+0.043%/°C	
				Temperature Coefficient of V _{oc} :		-0.34%/°C	
				Temperature Coefficient of P _m :		-0.50%/°C	

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