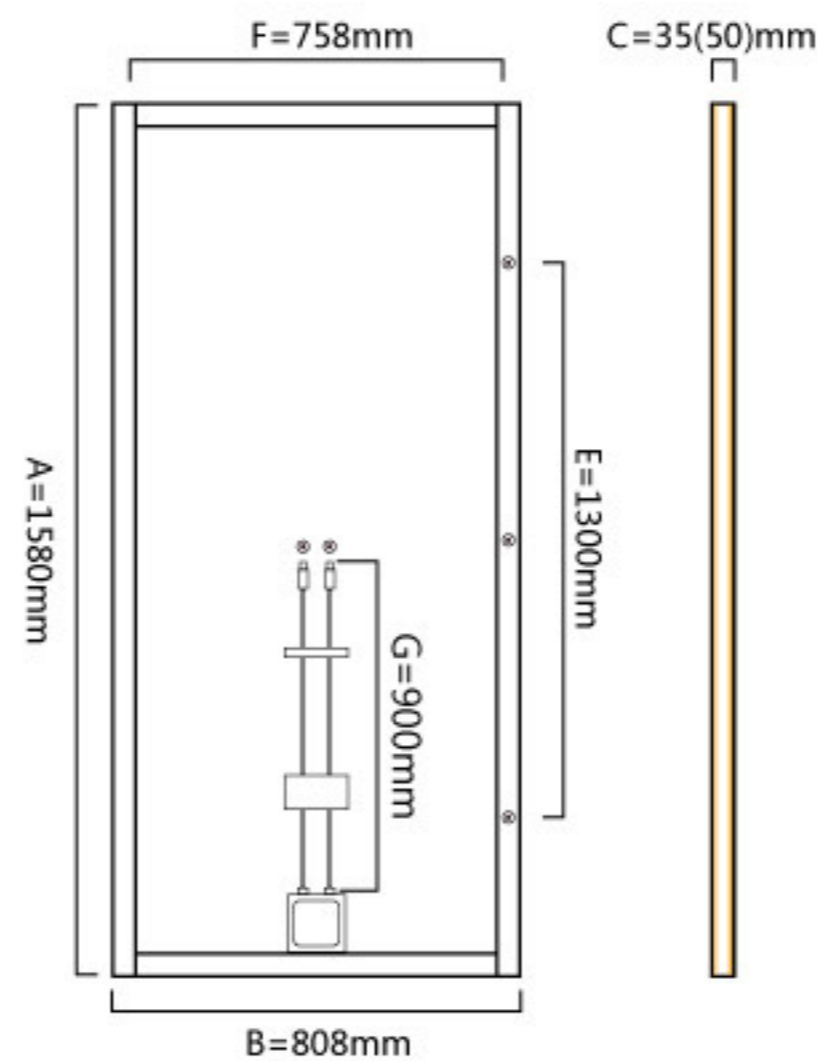
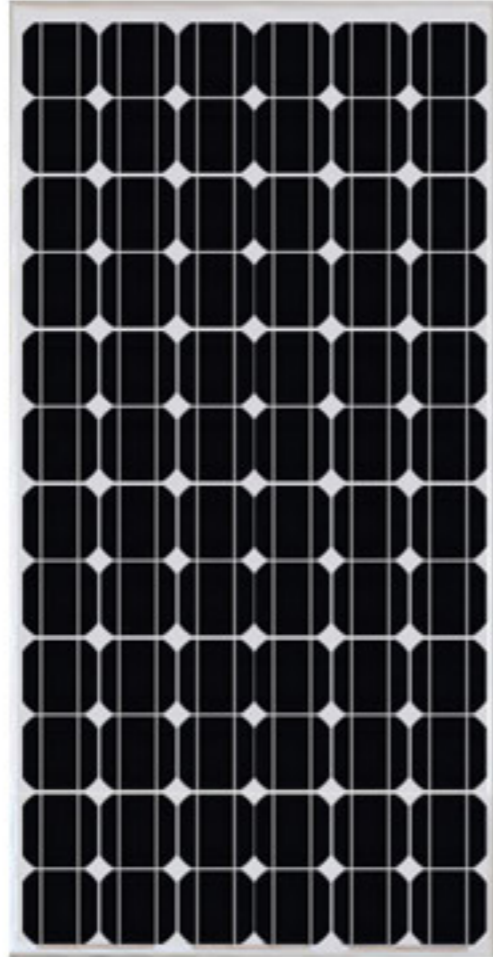
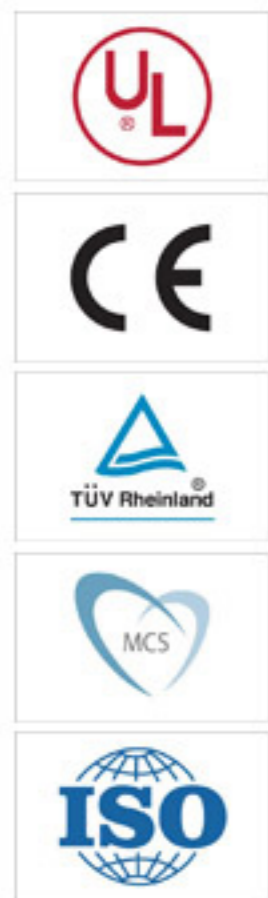


## YS-175M to 195M



Dimensions A*B*C	1580*808*35(50)(mm)
Cable Length G	900mm

### ELECTRICAL CHARACTERISTICS

Type	YS-M	175M	180M	185M	190M	195M
Max-Power	Pm(W)	175	180	185	190	195
Power Tolerance	(%)	-1/+3	-1/+3	-1/+3	-1/+3	-1/+3
Max-Power Voltage	Vm(V)	36.0	36.2	36.3	36.2	36.4
Max-Power Current	Im(A)	4.86	4.97	5.10	5.25	5.36
Open-Circuit Voltage	Voc(V)	44.6	44.7	44.8	45.2	45.3
Short-Circuit Current	Isc(A)	5.12	5.13	5.14	5.65	5.72
Max-System Voltage	(VDC)	1000				
Cell Efficiency	$\eta_c$ (%)	15.6	16.0	16.4	17.5	17.8
Module Efficiency	$\eta_m$ (%)	12.8	13.2	13.6	14.9	15.2

### PACKAGING CONFIGURATION

Packing Configuration	26 pcs./box 28 pcs./box
Quantity/Pallet	1 box/ pallet
Loading Capacity	392 pcs/ 20ft or 728 pcs/ 40ft/ 784 pcs/ 40ft

### SPECIFICATION

Cable type, Diameter and Length		$\varnothing=4 \text{ mm}^2 L=900\text{mm} $ TÜV certified
Type of Connector		MC3 or MC4, Compatible Type III or IV
Dimension A*B*C		1580x808x35(mm)
Weight		15.5kg
No. of Draining Holes In Frame		12
Glass, Type and Thickness		High Transmission, Low Iron, Tempered Glass 3.2mm
Number, Type and arrangement of cells		72 pcs. Mono-Crystalline Silicon(6x12)
Cell Size		125mmx125m
No. of Bypass Diodes	(pcs.)	3
Max. Series Fuse	(A)	9
Pm Temperature Coefficient	(%/ °C)	-0.47
Isc Temperature Coefficient	(%/ °C)	0.065
Voc Temperature Coefficient	(%/ °C)	-0.36
NOCT- Nominal Operating Cell Temperature	( °C)	47±2

### ABSOLUTE RATINGS

Dielectric Insulation Voltage	(VDC)	3000 max.
Operating Temperature	( °C)	-40~+85
Storage Temperature	( °C)	-40~+85

\*STC Conditions(1000W/  $\text{m}^2$  ; 1.5 AM and 25 °C Cell temperature)