TRINA TSM-180D

MODULO SOLARE FOTOVOLTAICO

CARATTERISTICHE ELETTRICHE

Typical Type	TSM-180D
Max-Power Pm(W)	180
Max-Power Voltage Vm(V)	36.8
Max-Power Current Im(A)	4.90
Open-Circuit Voltage Voc(V)	44.2
Short-Circuit Current Isc(A)	5.35
Max-System Voltage (VDC)	700
Cell Efficiency (ηc）	17.0%
Module Efficiency (ηm）	14.2%
Cell Size (mm)	125*125
Cell and Connections	Mono-crystalline silicon，72 in series
Max. Series Fuse	7A
Pm Temperature Coefficient	-0.43%/℃
Voc Temperature Coefficient	-(150±10)mV/℃
Isc Temperature Coefficient	(2.7±0.5)mA/℃
Test Condition	STC:AM=1.5, 1000W/m2, Cells Temperature 25℃

CARATTERISTICHE MECCANICHE

Dimension(mm)A*B*C	1581*809*40
Installing hole(mm)E*F	948*754
Cable Length G	900mm
Weight(Kg)	15.6Kg
Packing Configuration	2 pcs per carton
Pallet Quantity	38 pcs/pallet
Loading Capacity	532 pcs/40ft; 266pcs/20ft

VALORI MASSIMI ASSOLUTI

Operating Temperture	-40~+85℃
Storage Temperture	-40~+85℃
Dielectric Insulation Voltage	2400 VDC max.

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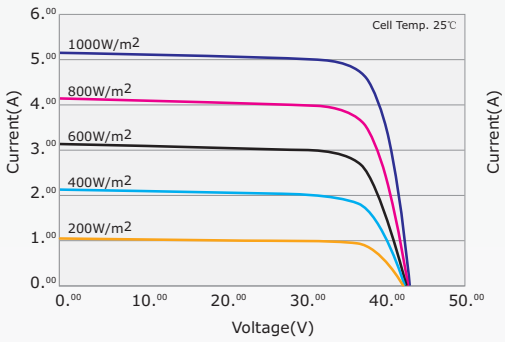
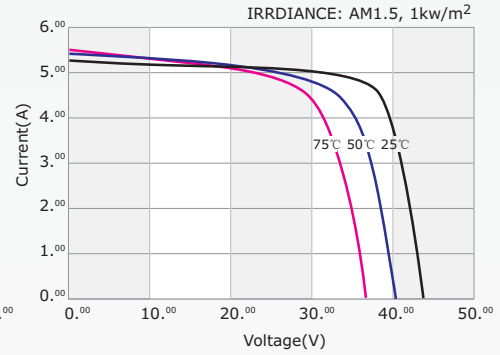
CURVE I-V

I-V Curves of PV module TSM-180



I-V Curves of PV module TSM-180
at various cell temperature

IRRDIANCE: AM1.5, 1kw/m2



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