

Model (MSP50AS-18) Specifications	
ITEM NO.:	MSP50AS-18
Maximum Power(W)	50
Optimum Power Voltage(Vmp)	19.12
Optimum Operatige Current(Imp)	2.62
Open Circuit Voltage(Voc)	22.68
Short Circuit Current(Isc)	2.80
Solar Cell:	156*52poly
Size of Module(mm)	550*670*35
Front Glass Thikness(mm)	3.2
Temperature Coefficients of Isc(%)°C	+0.04
Temperature Coefficients of Voc(%)°C	-0.38
Temperature Coefficients of Pm(%)°C	-0.47
Temperature Coefficients of Im(%)°C	+0.04
Temperature Coefficients of Vm(%)°C	-0.38
Temperature Range	-40°C to +85°C
Tolerance Wattage	0~+3%
Weight Per Piece(KG)	4.2
Cell Efficiency (%)	17.46%
Module Efficiency (%)	13.57%
Backing (Brand Type)	PF
Standard Test Conditions	AM1.5 1000W/m ² 25°C
FF (%)	70-76%

