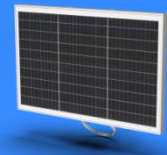


# Milesight Solar Panel Modules



	Module Type	S45
<b>Electrical Characteristics</b>	Maximum Power- Pmax(W)	45
	Open Circuit Voltage - Voc(V)	18.44
	Short- Circuit Current - Isc(A)	3.01
	Voltage at Pmax -Vmp(V)	15.93
	Current at Pmax - Imp(A)	2.82
	Module Efficiency - $\eta$ m(%)	20.37
	Power Tolerance(W)	0, +4.99W
	Maximum System Voltage(V)	700Vdc (IEC / UL)
	Maximum Series Fuse Rating (A)	10A
<b>Mechanical Specifications</b>	External Dimensions	580*385*69mm
	Weight	4.2Kg
	Solar Cells	Mono crystalline 182X36.4mm (3X9pcs)
	Front Glass	3.2 mm tempered glass
	Frame	Aluminum
	Junction Box	IP67
	Output Cables	50cm, length can be customized
	Connector	MC4 Compatible
<b>Temperature Characteristics</b>	Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa
	Pmax Temperature Coefficient	-0.350%/°C
	Voc Temperature Coefficient	-0.270%/°C
	Isc Temperature Coefficient	+0.048%/°C
	Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C	

