

Solar Module 80W

Brand	Morningsun Solar
Model	MSP-80W

TYPICAL ELECTRICAL CHARACTERISTICS

Max-Power	Pm(W)	80
Max-Power Voltage *	Vm(V)	17,8
Max-Power Current *	Im(A)	4,50
Open-Circuit Voltage *	Voc(V)	21,6
Short-Circuit Current *	Isc(A)	4,84
Panel efficiency	η (%)	15,31%
Power Tolerance	(%)	+/-3
Pm Temperature Coefficient	(%/ °C)	-0,45
Isc Temperature Coefficient	(%/ °C)	0,05
Max-System Voltage	(VDC)	1000
NOCT-Nominal Operating Cell Temperature	(°C)	47+/-2

MECHANICAL CHARACTERISTICS

Dimension	780×670×30(mm)
Weight	6,1 kg
Glass, Type and Thickness	High Transmission, Low Iron Tempered Glass 3.2 mm
Backsheet, Laminating material	TPE, EVA
Connection	Junction Box

ABSOLUTE RATINGS

Operating Temperature	(°C)	-40~+85
Storage Temperature	(°C)	-40~+85

***STC Conditions(1000W/m², 1.5AM and 25 °C Cell Temperature)**