

Solar Module Monocrystalline 185W 72c

Manufacturer	Morningsun Solar
Model	MSM-185

TYPICAL ELECTRICAL CHARACTERISTICS

Max-Power	P _m (W)	185
Max-Power Voltage *	V _m (V)	38
Max-Power Current *	I _m (A)	4,85
Open-Circuit Voltage *	V _{oc} (V)	44
Short-Circuit Current *	I _{sc} (A)	5,18
Panel efficiency	η(%)	18,66%
No, type and arrangement of cells	72 pcs. Mono-crystalline silicon(4×18)	
Cell Size	mm	78x156
Power Tolerance	(%)	+/-3
P _m Temperature Coefficient	(%/ °C)	-0,47
Max-System Voltage	(VDC)	1000

MECHANICAL CHARACTERISTICS

Dimension	1480×670×35(mm)	
Weight	10,6kg	
Glass, Type and Thickness	High Transmission, Low Iron, Tempered Glass 3.2 mm	
Backsheet	white	
Cable and Connector	4mm ² , MC4	

ABSOLUTE RATINGS

Operating Temperature	(°C)	-40~+85
Storage Temperature	(°C)	-40~+85
*STC Conditions(1000W/m², 1.5AM and 25 °C Cell Temperature)		