

# MODULE MAX

79 kempston Rd. Sidwell. Port Elizabeth . P.O Box 263 . Port Elizabeth . 6000

## 60W - 65W Mono Solar Modules

60W and 65W Mono Solar Modules		
Description/Model	60(24)M5	65(24)M5
Rated power (Pmax):	60	65
Max. power voltage (Vmp):	18.00V	18.72V
Max. power current (Imp):	3.34A	3.48A
Open circuit voltage (Voc):	21.96V	22.45V
Short circuit current (Isc):	3.67A	3.75A
Cell efficiency (%):	16.25%	17.50%
Power tolerance:	±3%	
Dimension (L x H x W):	830 x 552 x 30mm	
Weight:	6.2kg	
Frame:	clear anodized aluminum alloy, 30mm thickness, silver	
Encapsulation:	low iron tempered glass, 3.2mm thickness, high light transmission; white TPT and fact cure EVA	
Max. system voltage (VDC):	750 V DC	
Solar cell and configuration:	72 one third cells in a 4 x 18 matrix connected in series	
Solar cell size:	monocrystalline 125x125, A grade	
Cable type, Diameter:	4mm <sup>2</sup> , TUV certified, 0.9m length	
Type of connector:	MC 4	
Junction box:	IP65, 750 VDC, TUV certified	
Number of bypass diodes & type:	1 pcs, Schottky By-pass diodes	
Max. series fuse rating:	10 A	
Temperature coefficient of power:	-0.47%/K	
Temperature coefficient of Vm:	-0.035%/K	
Temperature coefficient of Im:	+0.035%/K	
Nominal operating cell temperature (NOCT):	46 + -2°C	
Hail impact test:	ice ball diameter 25mm, 23m/s	
Heavy mechanical load salient features:	2400Pa	
Operating temperature:	-40°C ~ +85°C	
Standard test conditions:	STC: AM = 1.5, 1000W/m <sup>2</sup> , cells temperature 25°C	
Power tolerance:	±3%; Voc / Isc / Vmp / Imp tolerance: ±10%	
Packing:	cartons and pallets	
Warranty	10 years products warranty. The output power is not less than 90% in 10 years and is not less than 80% in 25 years	



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