

Solar module

100Wp, 160Wp, 200Wp

Technical Data

Module	100Wp / 4052	160Wp – 3453-1210	200Wp – 3296-1500
Solar cell	158,75x158,75mm	158,75x158,75mm	158,75x158,75mm
Cells per module	36		
Bypass diodes	2 each 18 solar cells		
Module size	780x680x30mm	1215x680x30mm	1500x680x35mm
Weight	5,9kg	9,0kg	11,0kg
Power tolerance	+/- 3%		
Nominal Power	100Wp	160Wp	200Wp
Nominal voltage	20V		
Nominal current	5A	8A	10A
NOCT*	45 +/-2°C		
Voltage Temperature coefficient	-0,33%/°C		
Current Temperature coefficient	+0,05%/°C		
Power Temperature coefficient	--0,23%/°C		
Open circuit Voltage Voc	24V		
Short circuit current Isc	5,4A	8,64A	10,8A
Conversion efficiency	22,4%		
Operating temperature	-40°C bis +85°C		
Max. system voltage	600VDC		

**Nominal Operating Cell Temperature*



Stand: Oktober 2020



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