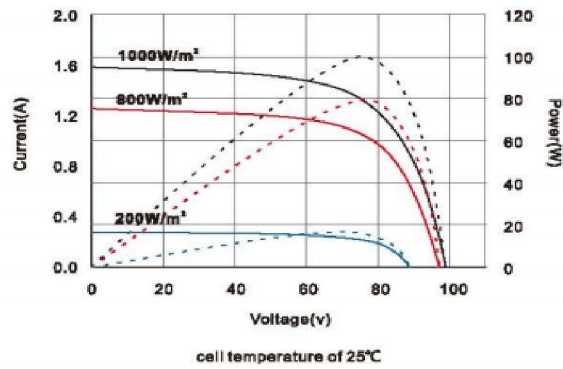
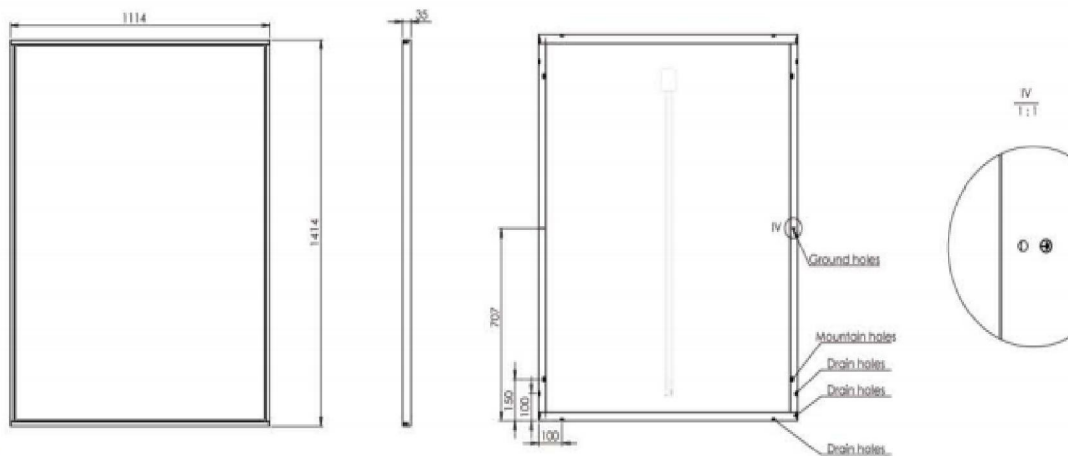


thin film technology			
Mechanical Data			
Length of module	1414mm		
Width of module	1114mm		
Thickness of module	35mm		
Thickness of module (With Junction Box)	24mm		
Weight	16.8kg		
Connector	MC4 equivalent		
Cable Length	1,000mm		
Cable Size	2.5mm ²		
Electrical Data			
Nominal power (Pmax)	110w	120W	130W
Open-circuit voltage (Voc)	100V	101V	102V
Voltage at nominal power (Vpm)	78V	78V	79V
Short-circuit current (Isc)	1.78A	1.89A	2.02A
Current at nominal power (Ipm)	1.41A	1.54A	1.65A
Temperature coefficients			
Maximum power[W]	- 0.20%/		
Maximum power voltage[V]	- 0.32%/		
Maximum power current[A]	+ 0.14%/		
Open circuit voltage[V]	- 0.33%/		
Short circuit current[A]	+ 0.09%/		
Installation Limits			
Maximum system voltage[V]	1000		
Operating module temperature	-40 to+85		
Typical operation temperature	Approx 20 to 25		
Maximum load	2,400N/m ² or 245Kg/m ²		
Stabilized electrical data under spectrum AM 1.5: T _c =25 =cell temperature.			
The electrical values can vary by ±10%.			
The output power can be initially about 18% higher than the figures in the data sheet. Consider the initial power gains when designing the system.			
Maintain more than 90% of maximum power for 10years			
Maintain more than 80% of maximum power for 25years			

I-V Curves



Physical Dimensions



System Configuration

