

Electrical Characteristics		Mono Crystalline				Poly Crystalline		
Module Type	Unit	STM5-20/36	STM6-40/36	STM6-80/36	STM5-120/48	STP-50/36	STP6-80/40	STP6-120/36
External Dimensions	mm	540x290x25	670x420x25	770x670x30	1070x808x30	670x540x25	850x670x30	1473x670x30
Weight	Kg	1.6	5	6.8	8.8	5.5	7.2	8.8
Rated Power ar STC	W	20	40	80	120	50	80	120
Power Tolerance	W	± 3%	± 3%	± 3%	± 3%	± 3%	± 3%	± 3%
Power Maximum at STC	W	20	40	80	120	50	80	120
Cell Efficiency	%	15.90- 16.10	15.90- 16.10	15.90- 16.10	15.90- 16.10	15.5-15.7	15.5-15.7	15.5-15.7
Open Circuit Voltage (Voc)	V	21.6	21.6	21.6	28.8	21.6	24.96	21.24
Short Circuit Current (Isc)	A	1.22	2.36	4.82	5.56	3.3	4.18	7.33
Maximum Power Voltage (Vmp)	V	18	18	18	24.1	17.3	20.92	18
Maximum Power Current (Imp)	A	1.12	2.23	4.45	4.98	2.9	3.83	6.67
Maximum System Voltage DC	V	1000						
Maximum Series Fuse Rating	A	12						