

Model Number	JT SHh 320W-340W	JT SGh 400W-420W	JT SHh 360W-380W	JT SGh 435W-455W	JT Sih(B) 315W-330W	JT Sih(B) 355W-370W	JT PPg 270W-285W	JT PAg 330W-345W	JT SHh 360W-380W	JT SGh 435W-455W
Electrical Characteristics *STC										
Maximum Power (Pmax/W)	320-340	400-420	360-380	435-455	315-330	355-370	270-285	330-345	360-380	435-455
Open Circuit Voltage (Voc/V)	40,2-41,4	48,9-50,0	40,9-41,7	40,8-41,6	39,9-40,8	40,7-41,3	37,9-38,5	45,7-46,3	40,9-41,7	49,4-50,2
Short Circuit Current (Isc/A)	10,16-10,38	10,29-10,52	11,23-11,58	11,23-11,51	10,1-10,26	11,4-11,41	9,27-9,54	9,35-9,57	11,23-11,58	11,23-11,51
Voltage at Maximum Power (Vmp/V)	33,4-34,6	41,0-42,1	33,9-34,7	40,8-41,6	33,1-34,0	33,7-34,3	30,9-31,5	37,3-37,9	33,9-34,7	40,8-41,6
Current at Maximum Power (Imp/A)	9,59-9,83	9,76-9,98	10,62-10,96	10,67-10,94	9,52-9,71	10,54-10,79	8,79-9,10	8,89-9,13	10,62-10,96	10,67-10,94
Module Efficiency (%)	19,0-20,2	19,9-20,9	19,6-20,7	19,9-20,8	18,5-19,4	19,1-20,0	16,6-17,5	17,0-17,8	19,6-20,7	19,9-20,8
STC	STC: Irradiance 1000W/m², Cell Temperature 25°C, Spectra at AM1.5									
Electrical Characteristics *NMOT										
Maximum Power (Pmax/W)	241,8-257,3	302.1-317,9	272.21-288.09	327.37-343,59	336-416	383-475	199.8-211,0	244.97-256,61	272.21-288,09	327.37-343,59
Open Circuit Voltage (Voc/V)	37,8-38.7	38.1-39,2	31.80-32.70	38.2-39,0	40.20-40,30	34,1-34,2	28.50-29,1	34.6-35,2	31.80-32,70	38.2-39,0
Short Circuit Current (Isc/A)	8.25-8.54	7.93-8,11	8.56-8.81	8.57-8,81	10.63-12,99	11,23-13,89	7.01-7,25	7.08-7,29	8.56-8,81	8.57-8,81
Voltage at Maximum Power (Vmp/V)	31,4-32,2	46.0-47,0	38.40-39.30	46.0-46,8	33.40-33,5	41,1-41,2	35.00-35,6	42.4-43,0	38.40-39,30	46.0-46,8
Current at Maximum Power (Imp/A)	7,7-7,99	8.32-8,52	9.03-9.28	9.10-9,34	10.06-12,42	11,93-14,59	7.48-7,66	7.49-769	9.03-9,28	9.10-9,34
NMOT	Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s									
Temperature ratings (STC)										
Temperature Coefficient of Isc	+0.057%/°C	+0.057%/°C	+0.05%/°C	+0.05%/°C	+0.05%/°C	+0.05%/°C	+0.05%/°C	+0.05%/°C	+0.05%/°C	+0.05%/°C
Temperature Coefficient of Voc	-0.30%/°C	-0.30%/°C	-0.30%/°C	-0.30%/°C	-0.30%/°C	-0.30%/°C	-0.31%/°C	-0.31%/°C	-0.30%/°C	-0.30%/°C
Temperature Coefficient of Pmax	-0,35%/°C	-0,35%/°C	-0.35%/°C	-0.35%/°C	-0.35%/°C	-0.35%/°C	-0.41%/°C	-0.41%/°C	-0.35%/°C	-0.35%/°C
Normal Module Operating Temperature (NMOT)	41°C±3°C	41°C±3°C	41°C±3°C	41°C±3°C	41°C±3°C	41°C±3°C	43°C±2°C	43°C±2°C	41°C±3°C	41°C±3°C
Operating Parametrs										
Maximum System Voltage	1000V/DC(IEC)/1500V/DC(IEC)				1500V/DC(IEC)		1000V/DC(IEC)/1500V/DC(IEC)			
Operating Temperature	-40°C+85°C				-40°C+85°C		-40°C+85°C			
Maximum Series Fuse	20A				20A		20A			
Maximum Test Load,Push/Pull	5400Pa/2400Pa				5400Pa/2400Pa		5400Pa/2400Pa			
Conductivity at Ground	≤□ 0.1Ω				≤□ 0.1Ω		≤□ 0.1Ω			
Safety Class	Class II				Class II		Class II			
Resistance	100MΩ				100MΩ		100MΩ			
Voc and Isc Tolerance	±3%				±3%		±3%			
Bifaciality					70±5%					
Mechanical Parameters										
Solar Cell Type	Mono 79.38×158.75 mm (6 inches)	Mono 79.38×158.75 mm	Mono 83×166 mm(6 inches)	Mono 83×166 mm(6 inches)	Mono 79.375×158.75 mm (3.13×6.25 inches)	Mono 83×166 mm (6 inches)	Poly 157×157 mm(6 inches)		Mono 83×166 mm(6 inches)	
Number of Cells	120 [2 x (10 x 6)]	144 [2 x (12 x 6)]	120 [2 x (10 x 6)]	144 [2 x (12 x 6)]	120 [2 x (10 x 6)]		60 (6×10)	72 (6×12)	120 [2 x (10 x 6)]	144 [2 x (12 x 6)]
Module Dimensions	1690×996×35 mm (66.5×39.2×1.4 inches)	2015×996×35 mm (79.3×39.2×1.4 inches)	1763×1040×35 mm (69.4×40.9×1.4 inches)	2102×1040×35 mm (82.8×40.9×1.4 inches)	1700×1002×30 mm (66.9×39.4×1.2 inches)	1773×1046×30 mm (69.8×41.2×1.2 inches)	1640×992×35 mm (64.6×39.1×1.4 inches)	1956×992×35 mm (77×39.1×1.4 inches)	1763×1040×35 mm (69.4×40.9×1.4 inches)	2102×1040×35 mm (82.8×40.9×1.4 inches)
Weight	18 kg(39.7 lb)	22 kg(48.5 lb)	20.5 kg(45.2 lb)	24.5 kg(54 lb)	22 kg(48.5 lb)	24.5 kg(54 lb)	18 kg(39.7 lb)	22 kg(48.5 lb)	20.5 kg(45.2 lb)	24.5 kg(54 lb)
Front Cover	3.2 mm (0.13 inches), high transmission, AR coated tempered glass				2.0 mm (0.08 inches), high transmission, AR coated tempered glass		3.2 mm (0.13 inches), high transmission, AR coated tempered glass			
Back Cover	White composite □lm				2.0 mm (0.08 inches), high transmission, AR coated tempered glass		White composite □lm			
Frame	Silver, anodized aluminium alloy									
J-Box	≥IP67									
Cable	4.0 mm2 solar cable, 150/300 mm (5.9/11.8 inches)	4.0 mm2 solar cable, 300 mm(11.8 inches)	4.0 mm2 solar cable, 150/300 mm (5.9/11.8 inches)		4.0 mm2 solar cable, 300 mm(11.8 inches)		4.0 mm2 solar cable, 1000 mm(39.4 inches)/customizable		4.0 mm2 solar cable, 150/300 mm (5.9/11.8 inches)	4.0 mm2 solar cable, 150/300 mm (5.9/11.8 inches)
Number of diodes	3									
Connector	MC4 EVO2 compatible									