



JT160 (34) S1580x808

Specifications	
Cell	Monocrystalline silicon solar cells 125mmx125mm
No. of cells and connections	72(6x12)
Dimension of module(mm)	1580x808x35
Weight	15.5kg

Limits	
Operating temperature	-40to+85°C
Maximum system voltage	1000VDC

Characteristics								
Model	Jt140(34) S1580x808	Jt150(34) S1580x808	Jt155 (34) S1580x808	Jt160(34) S1580x808	Jt165 (34) S1580x808	Jt170 (35) S1580x808	Jt175(35) S1580x808	Jt180(3 6) S1580x808
Open circuit voltage (Vo c)	42	43.2	43.2	43.2	43.6	43.8	44.2	44.8
Optimum operating voltage(Vmp)	34	34.3	34.4	34.4	34.5	35.2	35.3	36
Short circuit current(Isc)	4.78	4.87	4.98	5	5.1	5.14	5.2	5.3
Optimum operating current(Imp)	4.12	4.37	4.51	4.66	4.783	4.83	4.96	5
Maximum power at STC(Pm)	140	150	155	160	165	170	175	180

	Voc	Isc	Pmax
Temperature coefficients	-0.37%/°C	0.06%/°C	-0.43%/°C

STC: Irradiance 1000w/m², Module temperature 25°C, AM=1.5