

ELECTRICAL SPECIFICATION RT003PRT005PRT010PRT020PRT030PRT040PRT050PRT060PRT080P

	RT003	PRT005	PRT010	PRT020	PRT030	PRT040	PRT050	PRT060	PRT080
Nominal Maximum Power	3W	5W	10W	20W	30W	40W	50W	60W	80W
Open Circuit Voltage Voc(V)	10.8V	10.8V	22V	21.9V	21.9V	21.5V	21.9V	22V	20.3V
Short Circuit Current Isc(A)	0.37A	0.62A	0.61A	1.23A	1.85A	2.51A	3.09A	3.68A	5.33A
Peak Voltage Vmp(V)	8.8V	8.8V	17.9V	17.8V	17.8V	17.5V	17.8V	17.9V	16.5V
Peak Current Imp(A)	0.34A	0.57A	0.56A	1.12A	1.69A	2.29A	2.81A	3.35A	4.85A
Operating Temperature	-40°C~+85°C								
Maximum System Voltage	1000V( IEC)/ 600V( UL)								
Maximum Series Fuse Rating	15A								
Application Classification	ClassA								
Power Tolerance	±3%								
Temperature Coefficient									
Pmax	-0.45/°C								
Voc	-0.35/°C								
Isc	-0.060/°C								
NOCT	45/°C								
Mechanical Data									
Cell Type	52*19.5	78*26	52*39	156*22.28	156*39	156*52	156*52	156*65	156*91
Cell Arrangement(mm)	3*6	2*9	4*9	2*18	4*9	4*9	3*12	3*12	3*11
Dimensions(mm)	185*185*17	300*190*17	420*260*17	540*350*25	680*430*25	680*540*30	736*540*30	890*540*30	1080*545*35
Weight(kg)	0.34	0.67	1.16	1.68	3.96	4.8	5	5.9	7
Front Cover	Tempered glass								
Frame material	Anodized aluminium alloy								
Standard Packaging	20pcs	20pcs	10pcs	10pcs	2pcs				