

POLY SOLAR PANEL

36 CELLS 5W-100W



Specially design for off grid application



Outstanding performance



Positive power tolerance:0-+5w

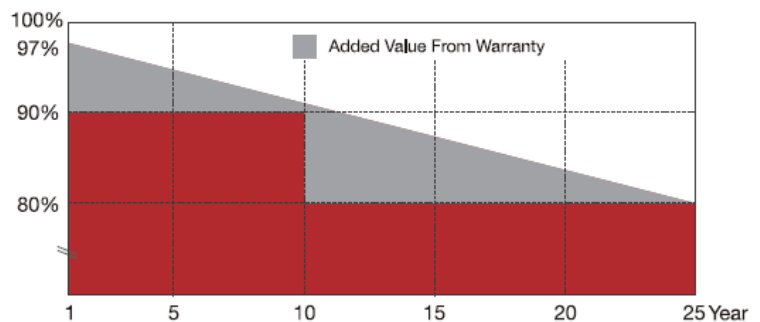
WARRANTIES

10 years for product defects in materials & workmanship

10 years for 90% of warranted minimum power output

25 years for 80% of warranted minimum power output

25 years linear warranty



P36PCS(POLY) 70W~100W PRODUCT SPECIFICATION

Model type	100W	90W	85W	80W	75W	70W
Peak power(Pmax)	100	90	85	80	75	70
Weight(kg)	9.18	7.76	7.35	7.02	6.62	6.29
Dimensions(mm)	1020x670x30	975x670x35	920x670x35	875x670x35	820x670x35	775x670x35
Maximum power voltage (Vmp)	17.5	17.5	17.5	17.5	17.5	17.5
Maximum power current (Imp)	5.714	5.143	4.86	4.58	4.29	4
Open circuit voltage (Voc)	21.6	21.6	21.6	21.6	21.6	21.6
Short circuit current (Isc)	7.10	5.81	5.49	5.17	4.84	4.52
Cell efficiency	16.50%	16.50%	16.50%	16.50%	16.50%	16.50%
Maximum system voltage	DC 1000V					
Temp.Coeff.of Isc(TK Isc)	0.045%/°C					
Temp.Coeff.of Voc(TK Voc)	-0.34%/°C					
Temp.Coeff.of Pmax(TK Pmax)	-0.47%/°C					
Normal Operating Cell Temperature	45±2°C					
Tolerance	0→+5W					

P36PCS(POLY) 30W~60W PRODUCT SPECIFICATION

Model type	60W	55W	50W	45W	40W	30W
Peak power(Pmax)	60	55	50	45	40	30
Weight(kg)	5.52	5.19	4.82	4.42	4.09	3.36
Dimensions(mm)	675x670x30	630x670x30	580x670x30	525x670x30	480x670x30	380x670x30
Maximum power voltage (Vmp)	17.5	17.5	17.5	17.5	17.5	17.5
Maximum power current (Imp)	3.43	3.143	2.86	2.57	2.29	1.72
Open circuit voltage (Voc)	21.6	21.6	21.6	21.6	21.6	21.6
Short circuit current (Isc)	3.87	3.55	3.23	2.9	2.59	1.93
Cell efficiency	16.50%	16.50%	16.50%	16.50%	16.50%	16.50%
Maximum system voltage	DC 1000V					
Temp.Coeff.of Isc(TK Isc)	0.045%/°C					
Temp.Coeff.of Voc(TK Voc)	-0.34%/°C					
Temp.Coeff.of Pmax(TK Pmax)	-0.47%/°C					
Normal Operating Cell Temperature	45±2°C					
Tolerance	0→+5W					

P36PCS(POLY) 5W~20W PRODUCT SPECIFICATION

Model type	20W	15W	10W	5W
Peak power(Pmax)	20	15	10	5
Weight(kg)	2.11	1.71	1.09	0.73
Dimensions(mm)	475x350x25	375x350x25	270x350x17	170x350x17
Maximum power voltage (Vmp)	17.5	17.5	17.5	17.5
Maximum power current (Imp)	1.15	0.86	0.58	0.29
Open circuit voltage (Voc)	21.6	21.6	21.6	21.6
Short circuit current (Isc)	1.3	0.97	0.65	0.33
Cell efficiency	16.50%	16.50%	16.50%	16.50%
Maximum system voltage	DC 1000V			
Temp.Coeff.of Isc(TK Isc)	0.045%/°C			
Temp.Coeff.of Voc(TK Voc)	-0.34%/°C			
Temp.Coeff.of Pmax(TK Pmax)	-0.47%/°C			
Normal Operating Cell Temperature	45±2°C			
Tolerance	0→+5W			