

Technical Specifications

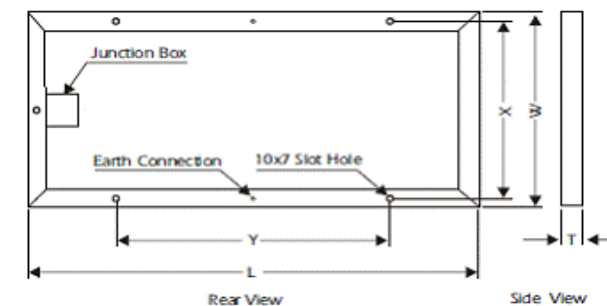
Electrical Characteristics	PNX-3A	PNX-3	PNX-5A	PNX-5	PNX-8	PNX-10	PNX-12	PNX-15	PNX-18	PNX-20	PNX-25	PNX-30	PNX-35	PNX-37
Power (Pm) in Watts (Nominal)	3	3	5	5	8	10	12	15	18	20	25	30	35	37
Open Circuit Voltage (Voc) in Volts	10	21	10	21	21	21	21	21	21	21	21	21	21	21
Short Circuit Current (Isc) in Amps	0.42	0.21	0.67	0.34	0.46	0.67	0.73	0.92	1.15	1.35	1.68	2.02	2.36	2.4
Voltage at Maximum Power (Vmp) in Volts	8.2	17	8.2	17	17	17	17	17	17	17	17	17	17	17
Current at Maximum Power (Imp) in Amps	0.37	0.18	0.61	0.3	0.44	0.59	0.71	0.88	1.05	1.18	1.47	1.76	2.06	2.17
Maximum System Voltage	600V	600V	600V	600V	600V	600V	600V	600V	600V	600V	600V	600V	600V	600V
Physical Parameters (refer DWG below)														
Solar Cells Per Module (Units)	18	36	18	36	36	36	36	36	36	36	36	36	36	36
Length (L) mm	185	255	290	290	250	285	325	395	460	485	630	720	430	485
Width (D) mm	185	185	185	185	350	350	350	350	350	350	345	345	675	675
Thickness (T) mm	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Weight - KG	0.6	0.9	1	1	1.1	1.2	1.4	1.6	1.8	2.2	2.6	3	3.5	3.5
Mounting Holes Pitch (Y) - mm	92	127	142	142	117	150	177	212	235	257	332	395	225	235
Mounting Holes Pitch (X) - mm	165	165	165	225	325	325	325	325	325	325	325	325	640	640
Area - Sq. M	0.03	0.05	0.05	0.05	0.08	0.1	0.12	0.15	0.16	0.18	0.23	0.25	0.29	0.33
Junction Box (Terminals)	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Diode in Junction Box	1	1	1	1	1	1	1	1	1	1	1	1	1	1

* Measurement Tolerance on Power +/- 5%. All electrical parameters Specified at STC 25° cell temperature, 1000W/M² irradiance, AM 1.5

Construction Features

Type of cell	Multi-Crystalline Si	Certifications: IEC 61215 / IEC 61730-1 / IEC 61730-2
Front Face	Tempered Glass & Low Iron	All modules are supplied with screw less Hollow section frames
Encapsulate	Ethylene Vinyl Acetate	Warranty: Limited Extended warranty up to 10 years
Frame	Anodized Aluminium	
Junction Box	Weather Proof Nylon 6	

Mounting Details



*Due to constant product modifications, PHOTONIX reserves the right to amend the above specifications without prior notice

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