

### Technical Specifications

Electrical Characteristics	PNX-40	PNX-45	PNX-50	PNX-60	PNX-70	PNX-74	PNX-75	PNX-80	PNX-90	PNX-100	PNX-110	PNX-115	PNX-120	PNX-125
Power (Pm) in Watts (Nominal)	40	45	50	60	70	74	75	80	90	100	110	115	120	125
Open Circuit Voltage (Voc) in Volts	21	21	21	21	21	21	21	21	21	21	21	21	21	21
Short Circuit Current (Isc) in Amps	2.54	2.86	3.17	3.81	4.44	4.70	4.76	5.08	5.71	6.35	6.98	7.30	7.62	7.94
Voltage at Maximum Power (Vmp) in Volts	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Current at Maximum Power (Imp) in Amps	2.35	2.65	2.94	3.53	4.12	4.35	4.41	4.71	5.29	5.88	6.47	6.76	7.06	7.35
Maximum System Voltage	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
Physical Parameters (refer DWG below)														
Solar Cells Per Module (Units)	36	36	36	36	36	36	36	36	36	36	36	36	36	36
Length (L) mm	485	550	610	710	810	865	865	920	1035	1150	1260	1305	1350	1400
Width (D) mm	675	675	675	675	675	675	675	675	675	675	675	675	675	675
Thickness (T) mm	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Weight - KG	4.80	5.00	5.15	6.00	6.95	7.95	7.95	8.30	9.00	10.15	11.30	12.00	11.75	12.00
Mounting Holes Pitch (Y) - mm	240	275	305	355	405	430	430	460	510	575	630	650	650	700
Mounting Holes Pitch (X) - mm	630	630	630	630	630	630	630	630	630	630	630	630	630	630
Area - Sq. M	0.33	0.37	0.41	0.47	0.54	0.58	0.58	0.62	0.69	0.77	0.85	0.88	0.91	0.94
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/ M<sup>2</sup> irradiance, AM 1.5

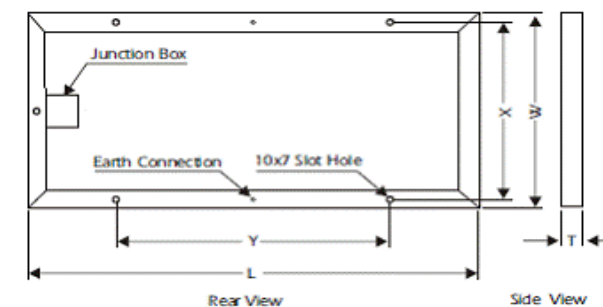
### Construction Features

Type of cell	Multi-Crystalline Si
Front Face	Tempered Glass & Low Iron
Encapsulate	Ethylene Vinyl Acetate
Frame	Anodized Aluminium
Junction Box	Weather Proof Nylon 6

Certifications: IEC 61215 / IEC 61730-1 / IEC 61730-2  
 All modules are supplied with screw less Hollow section frames  
 Warranty: Limited Extended warranty up to 10 years

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

### Mounting Details



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