

Technical Specifications

Electrical Characteristics	PNX-130	PNX-140	PNX-150	PNX-160	PNX-175	PNX-180	PNX-185	PNX-190	PNX-195
Power (Pm) in Watts (Nominal)	130	140	150	160	175	180	185	190	195
Open Circuit Voltage (Voc) in Volts	21	21	43	43	32	32	32	32	32
Short Circuit Current (Isc) in Amps	8.25	8.4	4.65	4.96	7.29	7.50	7.70	7.92	8.13
Voltage at Maximum Power (Vmp) in Volts	17	17	35	35	26	26	26	26	26
Current at Maximum Power (Imp) in Amps	7.65	8.24	4.29	4.57	6.73	6.92	7.11	7.30	7.50
Maximum System Voltage	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
Physical Parameters (refer DWG below)									
Solar Cells Per Module (Units)	36	36	72	72	54	54	54	54	54
Length (L) mm	1495 X 675 X 35	1495 X 675 X 35	1175 X 995 X 35	1175 X 995 X 35	1485 X 995 X 42	1485 X 995 X 42	1485 X 995 X 42	1485 X 995 X 42	1485 X 995 X 42
Weight - KG	11.75	14.00	14.45	14.45	17.50	17.50	17.50	17.50	17.50
Mounting Holes Pitch (Y) - mm	915	915	570	570	915	915	915	915	915
Mounting Holes Pitch (X) - mm	630	630	945	945	950	950	950	950	950
Area - Sq. M	1.01	1.01	1.16	1.16	1.48	1.48	1.48	1.48	1.48
Junction Box	IP65 with Diodes	IP65 with Diodes	IP65 with Diodes	IP65 with Diodes	IP65 with Diodes	IP65 with Diodes	IP65 with Diodes	IP65 with Diodes	IP65 with Diodes

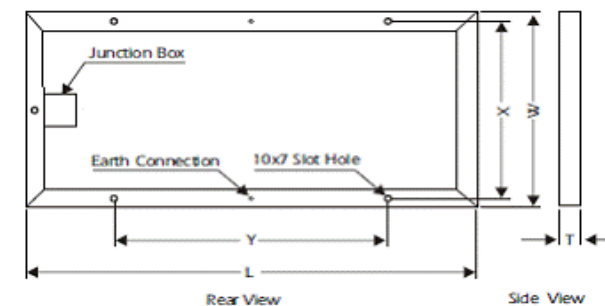
* Measurement Tolerance on Power +/- 5%. All electrical parameters Specified at STC 25° cell temperature, 1000W/M² irradiance, AM 1.5

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	All modules of 180Wp & above are supplied with pre -
Junction Box	Weather Proof Nylon 6	- fitted cables and connectors

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

Mounting Details



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