

SOLAR PV MODULES



High Module Conversion Efficiency



Easy Installation & Handling for Various Applications



ISO 9001:2008
ISO 9001:2015
ISO 14001:2015
OHSAS 18001:2017



Mechanical Load Capability of up to 113 psf (5400 pa)



Premium silicon PID free Solar Cells, EVA encapsulant, anti reflection coating, low-iron tempered glass, anodize aluminium frame, Ip67 weather proof Junction box ensuring a long performing module



With up to 360Wp with 18.50% module Efficiency Highest performing module of its kind



Morning, Evenings even on cloudy days, module perform higher giving the used an improved ROI



Our modules lower the oxidation process when the cells are first exposed to light, thereby lowering the initialing induced degradation



PROJECT SERIES
HIGH EFFICIENCY
72 CELL PV MODULES

MONO CRYSTALLINE
5BB PV MODULES

MULTI CRYSTALLINE
4BB / 5BB PV MODULE

36 CELL PV MODULES
60 CELL PV MODULES
72 CELL PV MODULES

10
YEARS

MATERIALS &
WORKMANSHIP

25
YEARS

LINEAR
POWER OUTPUT

TECHNICAL SPECIFICATION

Model in Watts	40 Watt	50 Watt	60 Watt	75 Watt	100 Watt	160 Watt	265 Watt	325 Watt
Power (PM) in Watts	40≥3%	50≥3%	60≥3%	75≥3%	100≥3%	160≥3%	265≥3%	325≥3%
Open Circuit Voltage (VOC) in Volts	21.50	21.50	21.50	21.50	21.50	22.00	38.00	45.00
Short Circuit Current (ISC) in Amps	2.40	3.00	3.56	4.40	5.90	9.20	8.55	9.25
Voltage at Maximum Power (Vmp) In Voltz	18.00	18.00	18.00	18.00	18.00	18.50	32.00	37.00
Current at Maximum Power (Imp) in Amps	2.25	2.78	3.34	4.17	5.66	8.65	8.30	8.70
Max System Voltage	1000							
Solar Cells Per Module (Units)	30						60	72
Length X Width X Hight	425X665	521X665	595X665	775X665	1015X665	1485X665	1645X985	1970X990
Weight in Kg.	3.0	4.0	5.0	6.0	8.0	12.0	18.0	23.0
Mounting Holes Pitch (Y) mm	212	260	297	387	507	740	822	1000
Mounting Holes Pitch (X) mm	633						943	950
Area-Sq.-M	0.28	0.35	0.40	0.52	0.68	0.99	1.62	1.95
Junction Box	2T-ONE DIODE				3T-TWO DIODE		4T With Cable & Connector	

*All electrical parameters specified at STC: 25°C cell temperature ; 1000 / M² irradiance ; AM 1.5

*Due to constant product modifications HSD Batteries reserve the rights to amend the above specification without prior notice

Temperature Coefficient
Voltage: -0.35% / °C Power: -0.47% / °C
Current: 10% / °C NOCT: 47 +/-2°C

voltz™

Power Any Where... Any Time...



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