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# EnergyPal

## **Solar Panel Guide Specification Data Sheet**

**Novergy Energy Solutions Pvt. Ltd.  
PCAL Series (72 Cells) 300-350  
PCAL 315**

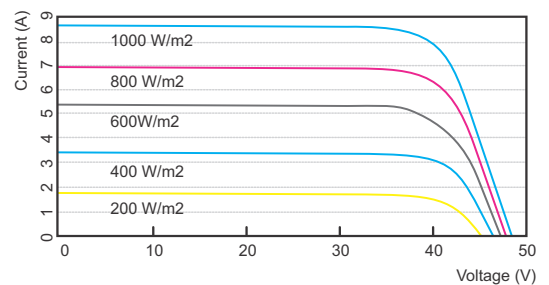
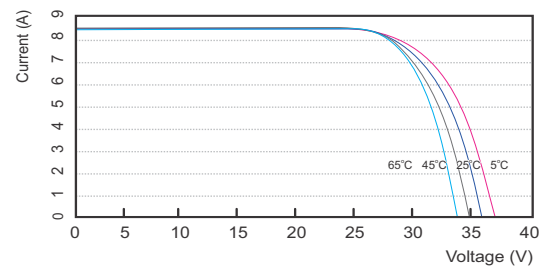
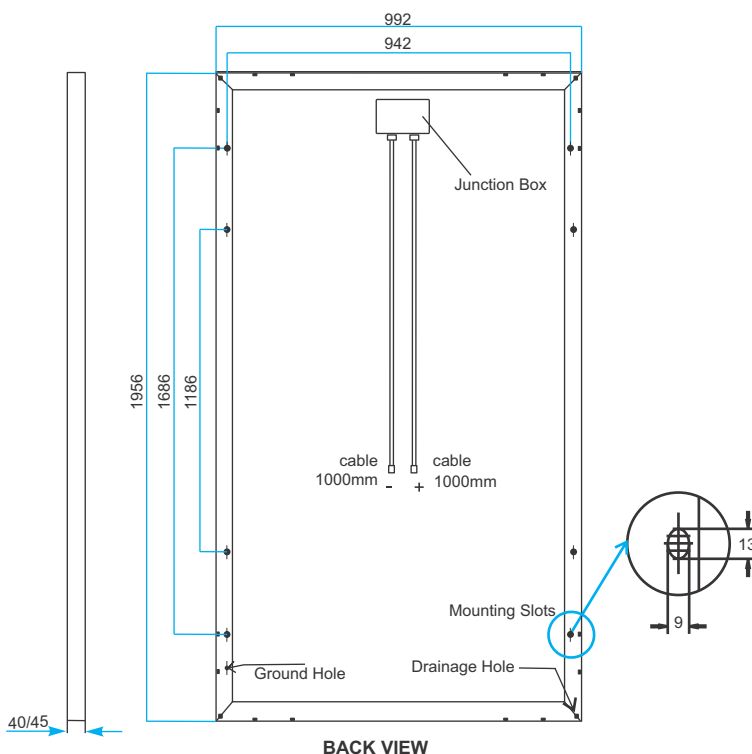
Also available on the web at  
[EnergyPal.com/novergy-energy-solutions-pvt-ltd-solar-panels/pcal-315](http://EnergyPal.com/novergy-energy-solutions-pvt-ltd-solar-panels/pcal-315)



# POLY CRYSTALLINE SERIES

## 72 Cell

Model	PCAL 300	PCAL 315	PCAL 320	PCAL 325	PCAL 330	PCAL 335	PCAL 340	PCAL 345	PCAL 350
Type of cells	6" Poly crystalline Silicon								
Number of cells	72								
Wattage (Wp)	300	315	320	325	330	335	340	345	350
Voltage at max. power (Vmax)	36.82	37.1	37.3	37.5	37.7	37.9	38.2	38.5	38.8
Open Circuit Voltage (Voc)	46.08	45.2	45.5	45.7	45.9	46.3	46.6	46.9	47.2
Current at maximum power (Imax)	8.15	8.49	8.58	8.67	8.75	8.84	8.90	8.96	9.02
Short circuit current (Isc)	8.53	9.19	9.26	9.32	9.35	9.39	9.44	9.49	9.56
Frame	Anodized Aluminium								
Front Glass	Tempered 3.2mm								
Junction box	IP67								
Cable	4mm <sup>2</sup> PV Cable								
Connector	MC4								
Number of Diode	3								
Dimensions (mm)	1956 x 992 x 40 / 45								
Max Series fuse rating	15A								
Weight (kg)	22								
Operating temperature (Deg. C)	-40 to +85								
Application Class	Class A								
Maximum system voltage	1000 VDC								
Temp. Coefficients	Power = - 0.37% / °C			Voltage = - 0.31% / °C			Current = + 0.05% / °C		
NOCT	45 +/- 2 °C								
Maximum Load	5400 Pa								



Specifications are subject to change without prior notice.