

# SOLAR PV MODULES

OFF-GRID / SMALL POWER



DATA SHEETS

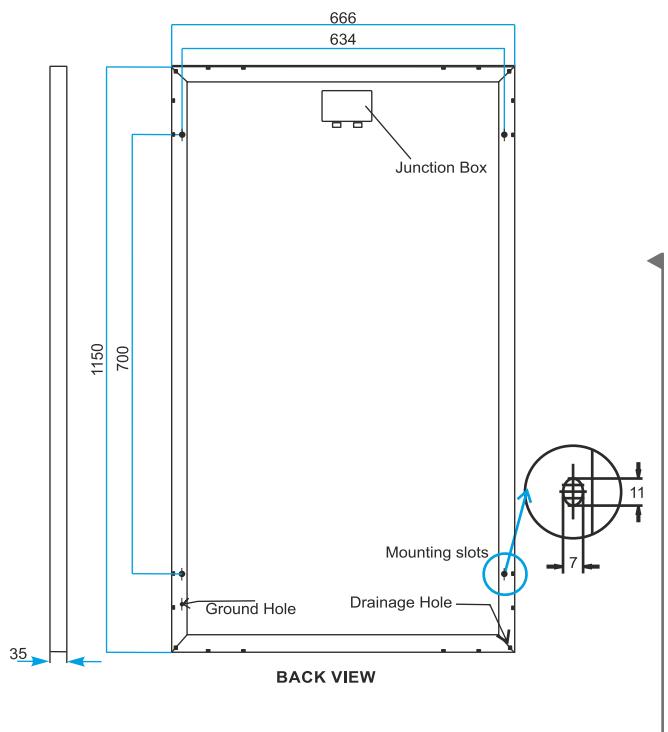


# POLY CRYSTALLINE SERIES

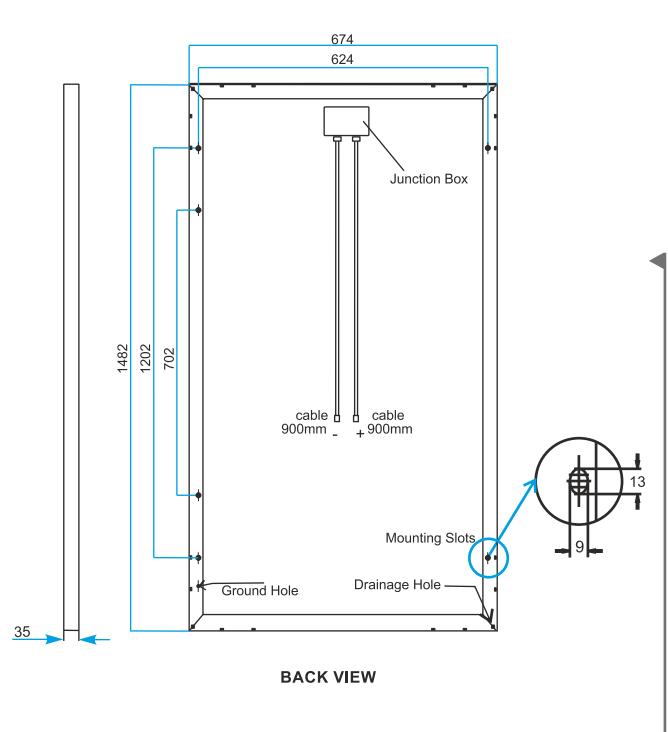
## 100, 150 Wp

Model	PCA-100	PCA-150
Type of cells		Poly-crystalline Silicon
Wattage (Wp)	100	150
Voltage at max. power (Vmp)	17	18.4
Open Circuit Voltage (Voc)	21	22.5
Current at max. power (Imp)	5.88	8.15
Short circuit current (Isc)	6.35	8.82
Frame		Anodized Aluminium
Front Glass		Tempered 3.2mm
Junction box		IP67
Dimensions (mm)	1150 x 666 x 35	1482 x 674 x 35
Weight (kg)	10	13
Operating temperature (Deg. C)		-40 to +85
Wind speed (km/h)		120
Maximum system voltage		1000 VDC
NOCT		47° C

PCA-100



PCA-150



Specifications are subject to change without prior notice.

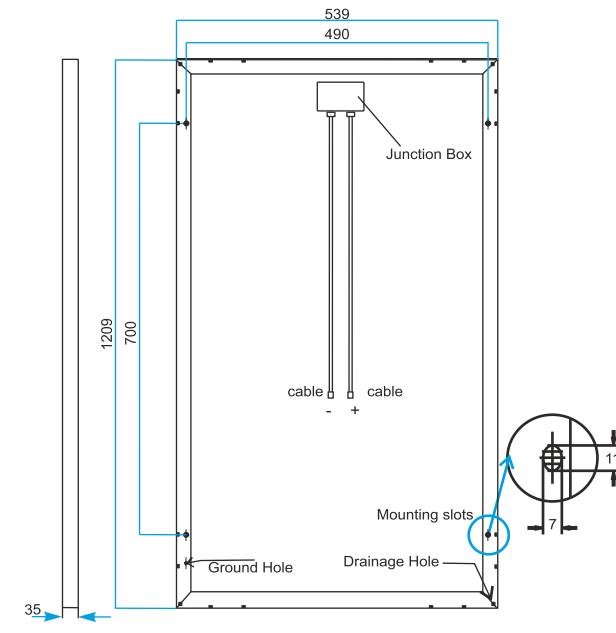


# MONO CRYSTALLINE SERIES

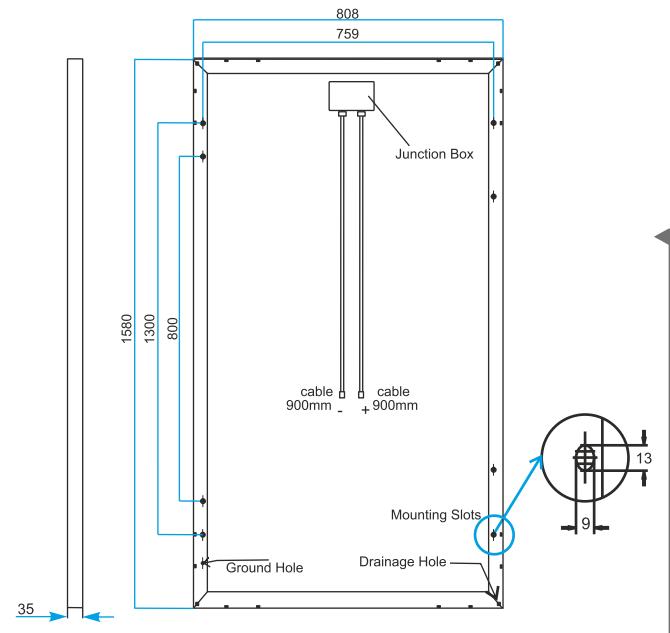
## 100, 200, 205, 210, 215, 220, 225 Wp

Model	MCA 100	MCA 200	MCA 205	MCA 210	MCA 215	MCA 220	MCA 225
Type of cells	5" Mono crystalline Silicon						
Number of cells	36		72				
Wattage (Wp)	100	200	205	210	215	220	225
Voltage at max. power (Vmax)	18.9	37.11	37.35	37.73	38.06	38.19	38.31
Open Circuit Voltage (Voc)	22.5	45.69	45.92	46.09	46.15	46.19	46.37
Current at maximum power (Imax)	5.29	5.39	5.49	5.57	5.65	5.76	5.87
Short circuit current (Isc)	5.64	5.69	5.74	5.79	5.82	6.11	6.28
Frame	Anodized Aluminium						
Front Glass	Tempered 3.2mm						
Junction box	IP67						
Cable	4mm2 PV Cable						
Connector	MC4						
Built in Bypass Diode	Yes						
Dimensions (mm)	1209 x 539 x 35			1580 x 808 x 35			
Max Series fuse rating				15A			
Weight (kg)	7.8			16.2			
Operating temperature (Deg. C)				-40 to +85			
Application Class				Class A			
Maximum system voltage				1000 VDC			
NOCT				47° C			

MCA-100



MCA-200, 205, 210, 215, 220, 225 Wp



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# dldCompany



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