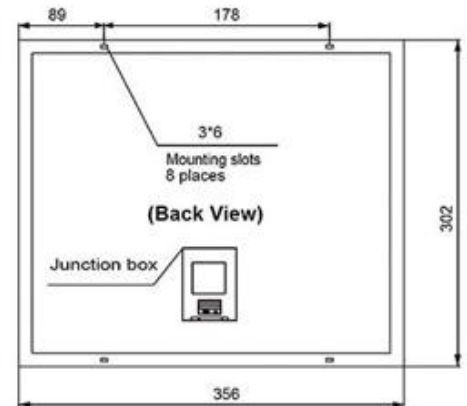
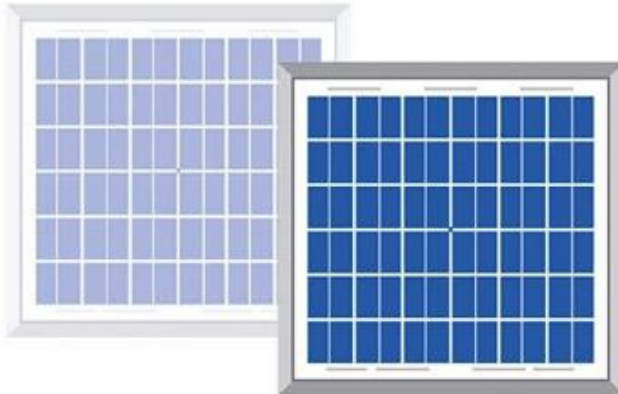




Zhe Jiang G&P New Energy Technology Co.,Ltd

Photovoltaic Modules

GPP10W(36) Photovoltaic modules
36pcs 39x42mm poly-crystalline silicon cell

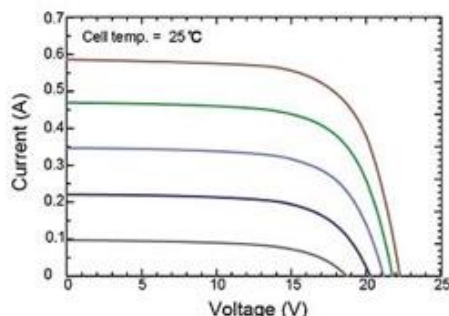


MODULE		GPP10W(36)	
Encapsulation		Glass/EVA/Cell/EVA/TPT	
Size and Number of cells		39mm*42mm 36/9*4pcs	
Maximum Power (Pmax)	W	10	15
Cell efficiency	%	13.70	16.30
Module Efficiency	%	11.50	13.00
Tolerance	%	±3	
Open Circuit Voltage (Voc)	V	21.60	21.60
Short Circuit Current (Isc)	A	0.64	0.96
Maximum Power Voltage (Vmp)	V	18.00	18.00
Maximum Power Current (Imp)	A	0.56	0.83
Max.syst.Open Circuit Voltage	V	600	
Diodes		1by-pass	
Dimension	mm	356*302*25	
Weight	kg	0.8	
Operate Temp Scope	°C	-40/+85	
Relative humidity		0~100%	
Frame Thickness	mm	25	
Frame Colour		Gold/Brown/Black/Sliver	
Quantity/Container		9300pcs/20GP、19000pcs/40GP、22000pcs/40HQ	

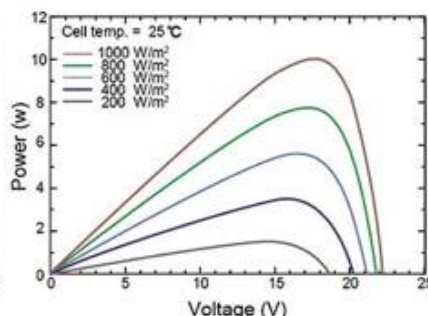
Temperature Coefficients

NOCT		45 C ±2 C	
short-circuit-current temperature coefficient	$\alpha(I_{sc})$	0.10%/C	
open-circuit Voltage temperature coefficients	$\beta(V_{oc})$	-0.38%/C	
peak power temperature coefficients	$\gamma(P_{max})$	-0.47%/C	

NOCT: Nominal Operating Cell Temperature date is only for reference.



IRRADIANCE:AM1.5,1000w/m²



Photovoltaic modules 36pcs 39x42mm poly-crystalline silicon cell

The GPP10W series modules consist of 36pcs 39x42mm poly-crystalline high efficient silicon cells, which are individually characterized and electronically matched before interconnection and Laminated with toughened glass, EVA and TPT of high quality.

After assembled with anodized aluminum alloy frame, cable and junction box with MC4 connectors, G&P solar modules can be installed easily and work for a long period. At the same time, they can withstand the storm, strong wind and hail impact, ect.

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