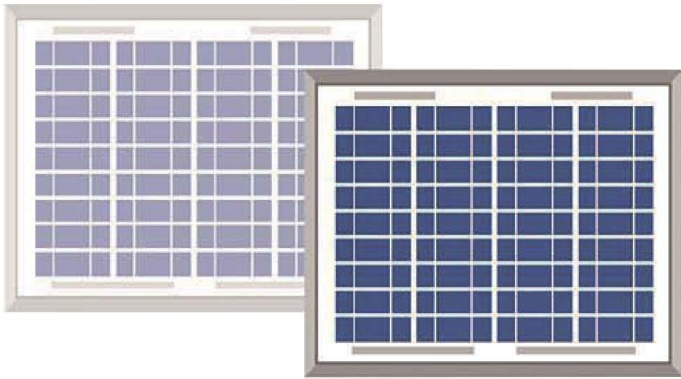


GPP5-25W(36) Photovoltaic Modules

Photovoltaic modues
36pcs poly-crystalline silicon cell



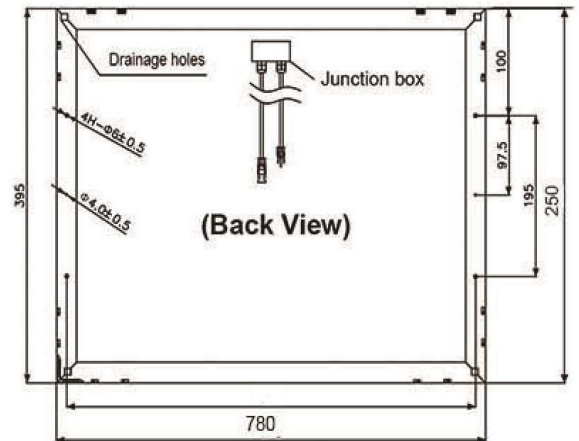
Photovoltaic Modules					
Module	GPP5-25W(36)				
Encapsulation	Glass/EVA/Cell/EVA/TPT				
Maximum Power Pmax	W	5	10	15	20 25
Maximum Power Voltage (Vmp)	V	18	18	18	18 18
Maximum Power Current (Imp)	A	0.28	0.56	0.83	1.11 1.39
Open Circuit Voltage (Voc)	V	21.6	21.6	21.6	21.6 21.6
Short Circuit Current (Isc)	A	0.33	0.67	1	1.33 1.67
Cell efficiency	%	14.55	14.58	14.56	14.58 14.6
Module Efficiency	%	14	14.2	14.30	14.35 14.40
Tolerance	%	±3			
Max.syst.Open CircuitVoltage	V	600			
Diodes	2by pass				
Dimension	mm	250*185*17	355*255*17		580*306*35
Weight	kg	0.75	1.5		2.1
Operate Temp Scope	°C	-40/+85			
Relative humidity	%	0~100%			
Frame Thinkness	mm	17,25,35			
Frame Colour	Gold/Brown/Black/Sliver				

Advantage

The GP series modules consist of 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, etc.

Dimensions



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.

Output		
Cable 2.5mm ² (TUV)	Length 900mm	Connector MC Type

I-V Cures

