

AKADEMİ

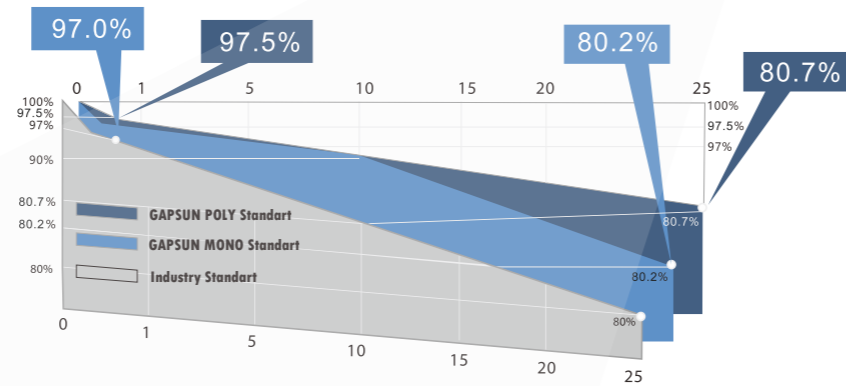
72

GAPHYPER series (Super-efficiency Half-Cell Modules)
Assembled with the advanced half-cell technology offer the advantages of higher power output, reduced series resistance loss, and lower risk of hot spot. In order to meet the Clients requirements of best quality and efficiency.

72 cells Bigger PERC Cell



LINEAR PERFORMANCE WARRANTY



Smaller electric current, less CTM loss
Lower risk of hot spot



Wind load up to 3800Pa
Snow load up to 5400Pa



+5W 0-5W positive power sorting



Stable performance under weak light conditions



25-year power warranty
10-year product warranty

MONO

	GAP-370MP		GAP-375M		GAP-380M		GAP-385M		GAP-390M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	370W	276W	375W	279W	380W	282W	385W	285W	390W	288W
Open Circuit Voltage (Voc)	47.62V	45.13V	47.96V	45.34V	48.27V	45.55V	48.62V	45.76V	48.94V	45.97V
Short Circuit Current (Isc)	10.02A	7.90A	10.07A	7.94A	10.13A	7.98A	10.18A	8.02A	10.24A	8.06A
Voltage at Maximum Power (Vmpp)	38.93V	37.10V	39.23V	37.30V	39.54V	37.50V	39.81V	37.70V	40.11V	37.89V
Current at Maximum Power (Impp)	9.50A	7.44A	9.56A	7.48A	9.61A	7.52A	9.67A	7.56A	9.72A	7.60A
Module Efficiency (%)	18.77%		19.03%		19.28%		19.53%		19.79%	

POLY

	GAP-335P		GAP-340P		GAP-345P		GAP-350P		GAP-355P	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	335W	248W	340W	252W	345W	256W	350W	260W	355W	264W
Open Circuit Voltage (Voc)	46.11V	43.43V	46.42V	43.63V	46.76V	43.82V	47.06V	44.01V	47.36V	44.20V
Short Circuit Current (Isc)	9.43A	7.46A	9.50A	7.53A	9.56A	7.61A	9.63A	7.68A	9.69A	7.76A
Voltage at Maximum Power (Vmpp)	37.49V	35.40V	37.78V	35.59V	38.04V	35.75V	38.32V	35.94V	38.59V	36.12V
Current at Maximum Power (Impp)	8.94A	7.01A	9.00A	7.08A	9.07A	7.16A	9.13A	7.23A	9.20A	7.31A
Module Efficiency (%)	17.00%		17.25%		17.50%		17.76%		18.01%	

Packing Configuration

Container	20'GP	40'GP
Pieces per pallet	26	26
Pallets per container	10	22
Pieces per container	260	572

Mechanical Characteristics

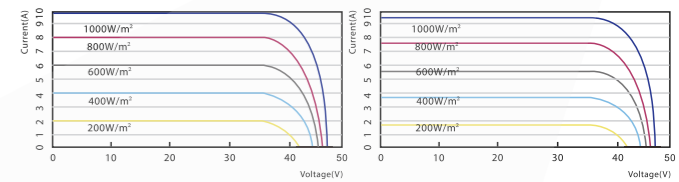
Solar Cell	Mono/Poly
No. of Cells	72(6x12)
Dimensions	1979x996x40mm
Weight	23.5 kgs
Front	Glass 3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68 rated(3 by pass diodes)
Output Cables	4.0mm ² , symmetrical length (-)900mm and (+)900mm
Connectors	MC4 compatible
Mechanical load test	5400Pa

72 cells

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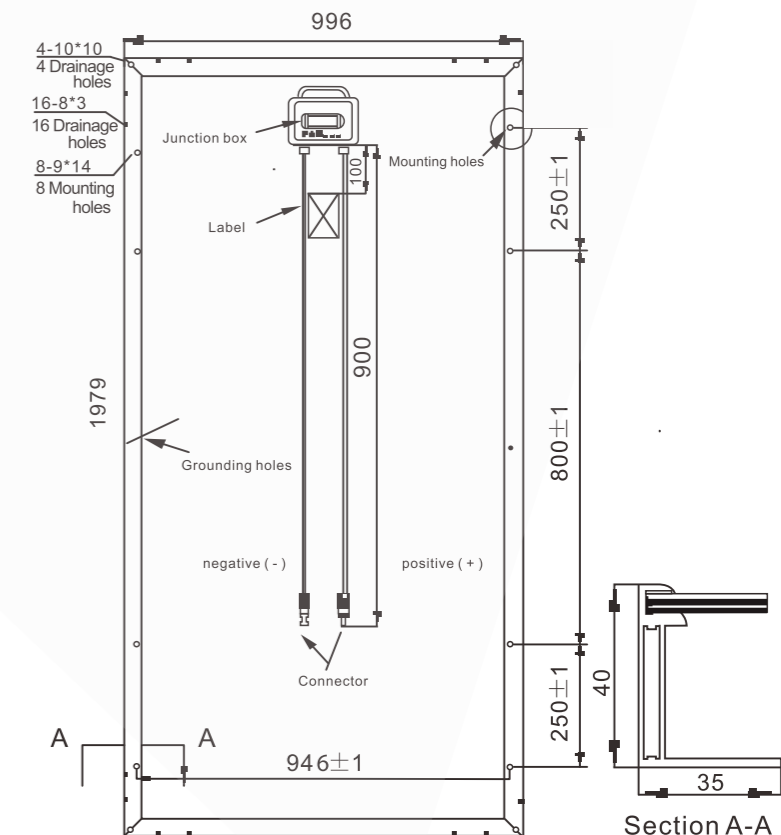
GAP-345P/I-V

GAP-385M/I-V



STC: Irradiance 1000W/m², cell temperature 25°C, AM1.5G
NOCT: Irradiance 800W/m², ambient temperature 20°C,
wind speed 1m/s, AM1.5G

Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500V DC(IEC) 1000V DC(UL)
Maximum Series Fuse Rating	20A
Power Tolerance	0/+5W
Temperature Characteristics	
Nominal Operating Cell Temperature (Noct)	45±2°C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.29%/°C
Temperature Coefficient of Isc	0.05%/°C



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