

**GKA210M108
530W-550W**

SPECIFICATION

	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(P _{max})	530W	398W	535W	401W	540W	405W	545W	409W	550W	413W
Open Circuit Voltage (V _{oc})	36.57V	34.82V	36.83V	35.07V	37.09V	35.31V	37.35V	35.56V	37.61V	35.80V
Short Circuit Current (I _{sc})	18.26A	14.70A	18.30A	14.73A	18.34A	14.77A	18.39A	14.80A	18.43A	14.83A
Voltage at Maximum Power (V _{mp})	30.48V	28.04V	30.69V	28.24V	30.91V	28.44V	31.13V	28.64V	31.34V	28.83V
Current at Maximum Power (I _{mp})	17.39A	14.18A	17.43A	14.21A	17.47A	14.24A	17.51A	14.27A	17.55A	14.31A
Module Efficiency STC (%)	20.75%		20.95%		21.14%		21.34%		21.54%	

STC: Irradiance 1000 W/m², Cell temperature 25°C, AM1.5; Tolerance of P_{max}: ±3%; Measurement Tolerance: ±3%, P_{max} According Gamko's official testing.

NOCT: Irradiance 800 W/m², ambient temperature 20°C, wind speed 1m/s; Tolerance of P_{max}: ±3%; Measurement Tolerance: ±3%, P_{max} According Gamko's official testing.

BIFACIAL OUTPUT-REARSIDE POWER GAIN

5%	Maximum Power(P _{max})	557W	562W	567W	572W	578W
	Module Efficiency STC (%)	21.79%	22.00%	22.20%	22.41%	22.61%
15%	Maximum power (P _{max})	610W	615W	621W	627W	633W
	Module Efficiency STC (%)	23.87%	24.09%	24.32%	24.54%	24.77%
25%	Maximum Power(P _{max})	663W	669W	675W	681W	688W
	Module Efficiency STC (%)	25.94%	26.19%	26.43%	26.68%	26.92%

MECHANICAL CHARACTERISTICS

Cell type	Monocrystalline PERC 210*105mm
Number of cells	108(6x18)
Module dimensions	1960*1303*30MM
Weight	25.5kg
Front cover	3.2mm (0.13inches)tempered glass with AR coating
Frame	Anodized aluminum alloy
Junction box	IP68 rated (3 by pass diodes)
Cable	4mm2(0.006inches2),Portrait: 300mm(11.81inches);
Connector	PV compatible

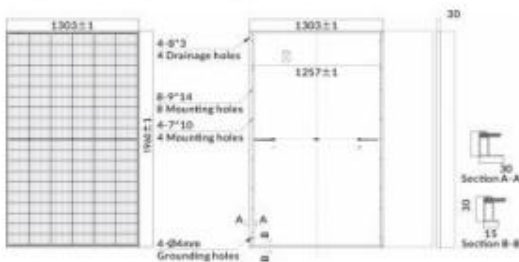
TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	43°C±2°C
Temperature Coefficients of P _{max}	-0.34%/°C
Temperature Coefficients of V _{oc}	-0.25%/°C
Temperature Coefficients of I _{sc}	-0.04%/°C

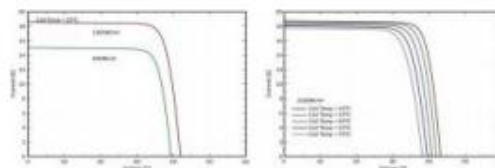
PACKAGING

Standard packaging	36 pcs/pallet
Module quantity per 20' container	308pcs
Module quantity per 40' container	738pcs(HQ)

ENGINEERING DRAWINGS



Electrical Performance & Temperature Dependence



Specifications included in this datasheet are subject to change without notice.