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**Higher Output of Power**  
Effectively reduce the unit cost of PV solar system by watt
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**Optimize the temperature coefficient**  
Improve the performance under the condition of shadow and low temperature coefficient
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**Reduce the shadow loss on the power output**  
Effectively reduce the risk of heat spot on high efficiency
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**Stronger the physical property**  
Optimize the property of power generating and reliability of the system

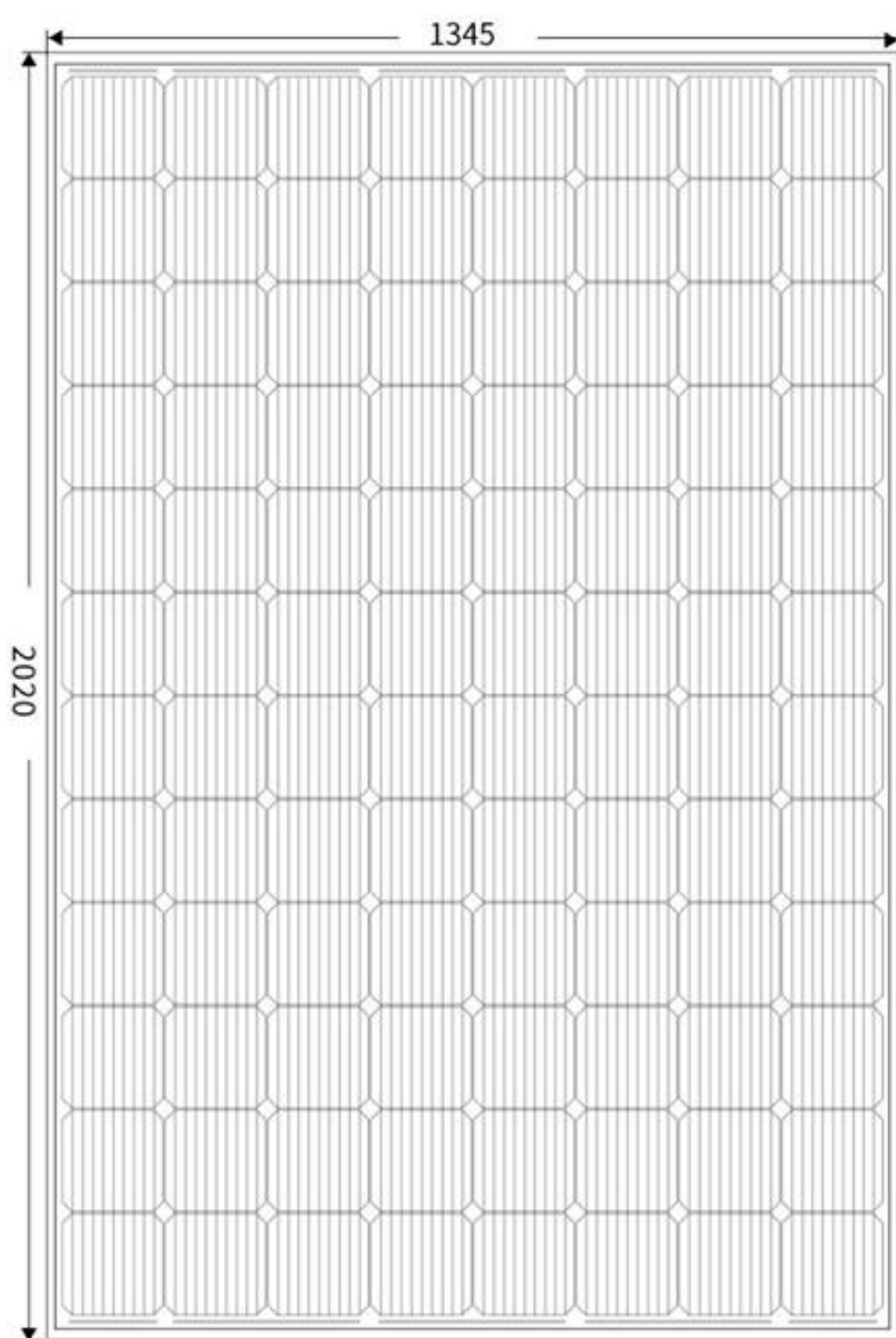


Module Type		HTS-96M6H600	
Test Environment		STC	NOCT
Maximum Power	$P_{MAX}(W)$	600	446
Maximum Power Voltage	$V_{MPP}(V)$	55.8	52
Maximum Power Current	$I_{MPP}(A)$	10.75	8.58
Open Circuit Voltage	$V_{OC}(V)$	66.96	63.2
Short Circuit Current	$I_{SC}(A)$	11.35	9.06
Tolerance	(W)	0 - +5	
Module Efficiency	(%)	22.1	

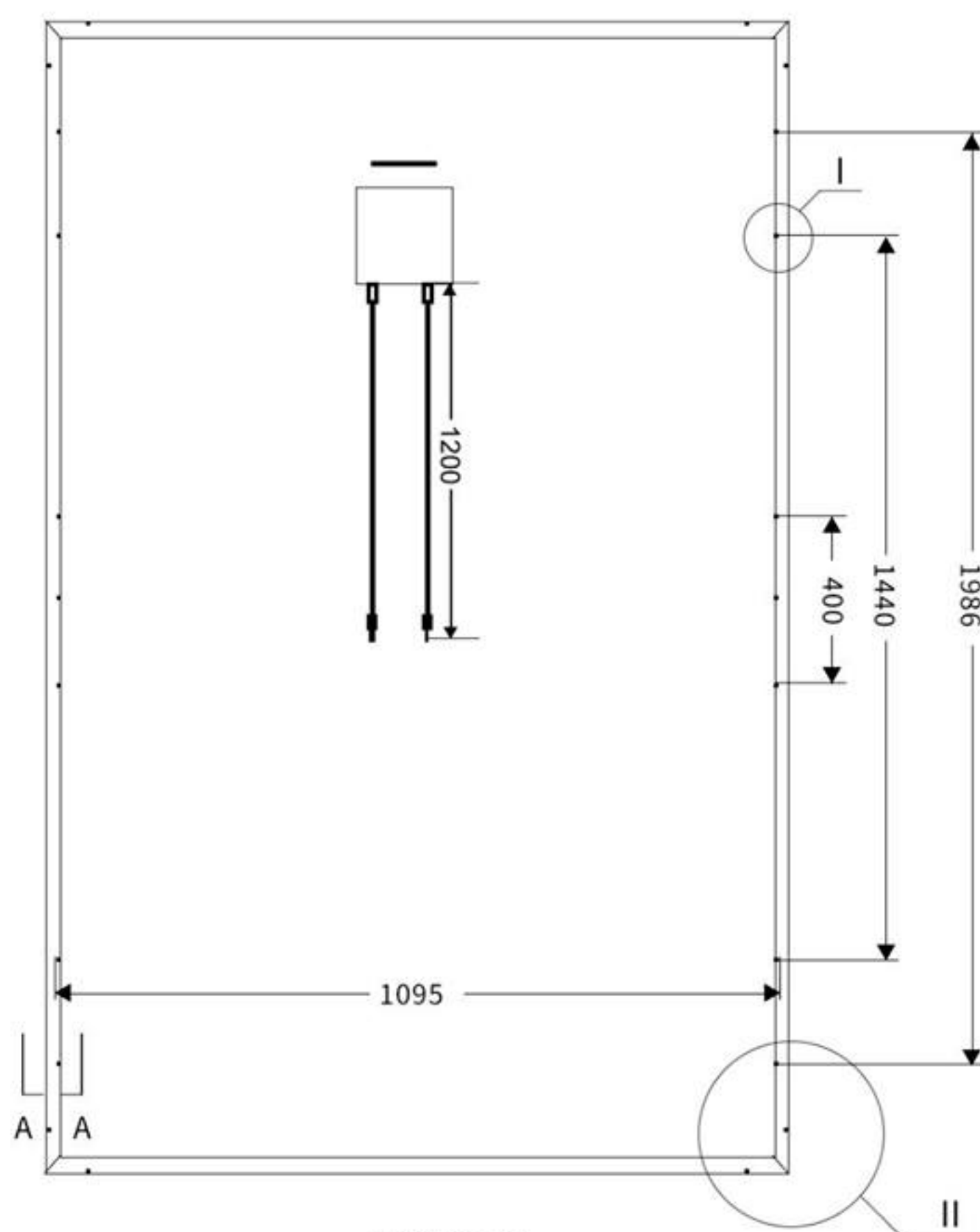
STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.  
 Average efficiency reduction of 4.5% at 200W/m<sup>2</sup> according to EN 60904-1  
 NOCT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s.

MECHANICAL DATA		TEMPERATURE RATINGS	
Solar Cells	MBB Mono 166x166mm	Nominal Operating Cell Temperature(NOCT)	45±2°C
Cell Orientation	96 cells (8x12)	Temperature Coefficient of $P_{MAX}$	-0.348%/°C
Module Dimensions	2020 x 1345 x 35mm	Temperature Coefficient of $V_{OC}$	-0.282%/°C
Weight	31kg	Temperature Coefficient of $I_{SC}$	+0.05%/°C
Glass	High Transparency, Anti-Reflective, AR Coated and Heat Tempered Solar Glass-3.2	<b>MAXIMUM RATING</b>	
Backsheet	White	Operational Temperature	-40 to +85°C
Frame	Silver Anodized Aluminium Alloy (Black Available)	Maximum System Voltage	1500V DC
J-Box	IP 68 rated	Max Series Fuse Rating	25A
Cables	Photovoltaic Technology cable 4.0mm <sup>2</sup> , 1200mm	Mechanical Load	5400pa
Connector	EVO2 or EVO2 Compatible	Wind Load	2400pa
<b>PACKING CONFIGURATION</b>	Modules per box: 31 pieces	Modules per 40' container: 558 pieces	

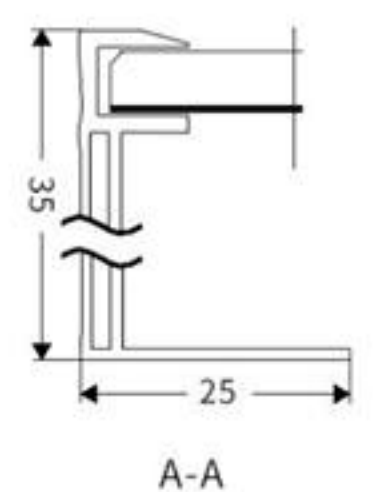
**DIMENSIONS OF PV MODULE**



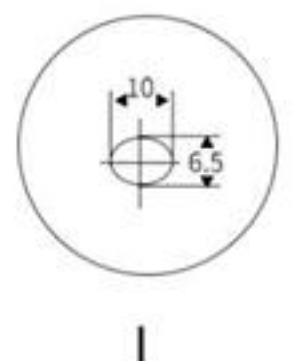
FRONT VIEW



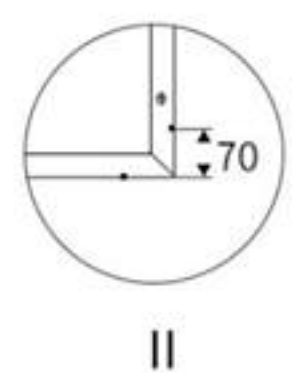
BACK VIEW



A-A



I



II