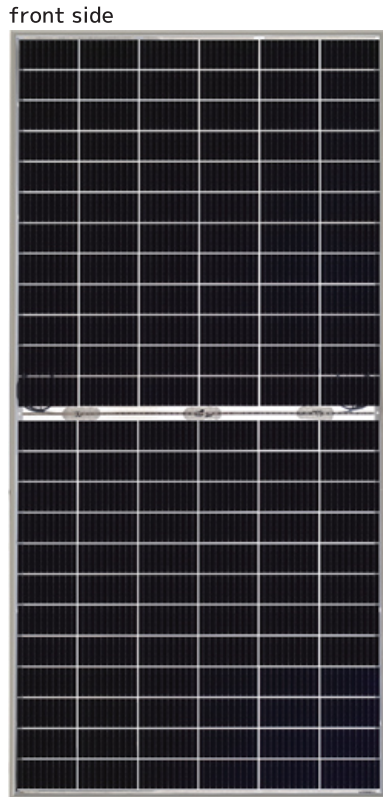


HIGH POWER SOLAR MODULE

EG6-144MA-xDD series

front side only
Maximum **POWER**
420-430W_p

front side only
Module Conversion **EFFICIENCY**
20.5-21.0%



High efficiency Mono c-Si

Maximizing power collection & transfer
Bifacial/thin 9BB

Strong weather-resistant
Dual glass

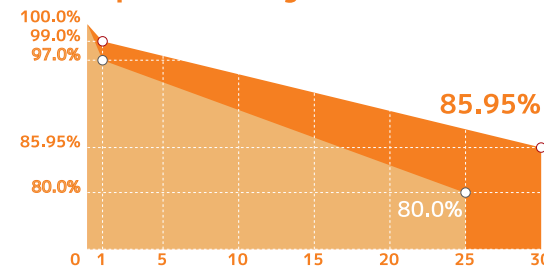
Electrical Characteristics @STC*

	EG6-144MA-420DD		EG6-144MA-430DD	
	front	back	front	back
Max power (P _{max})	420 W _p	294 W _p	430 W _p	301 W _p
Max power voltage (V _{mp})	41.95 v	42.05 v	42.35 v	42.45 v
Max power current (I _{mp})	10.02 A	7.01 A	10.16 A	7.11 A
Open circuit voltage (V _{oc})	50.16 v	50.26 v	50.54 v	50.64 v
Short circuit current (I _{sc})	10.52 A	7.36 A	10.66 A	7.46 A
Module conversion efficiency	20.5%		21.0%	
Operating temperature	-40 ~ +85°C			
Max system voltage	1500			
Max fuse rating	20			
Application Class	Class A			
Fire Safety Class	Class C			
Power tolerance	0 ~ +5 W _p			
P _{max} Temperature coefficient	-0.350%/°C			
V _{oc} Temperature coefficient	-0.300%/°C			
I _{sc} Temperature coefficient	+0.048%/°C			

*Standard test conditions: irradiance 1000W/m², AM1.5, Cell temperature 25°C.

Qty per 40FHC container	770 pc/container
Packing	35 pc/pallet
Product guarantee	15 years
Linear performance guarantee	30 years

Linear performance guarantee



15Years Product guarantee
30Years Output* guarantee

-1.00%
Output*
attenuation
in First year

-0.45%
Output*
attenuation
per year

*output at Standard test conditions(STC)
*front side only

Standard module linear output guarantee
ENERGY GAP N-type Bifacial Mono c-Si
Solar module linear output guarantee

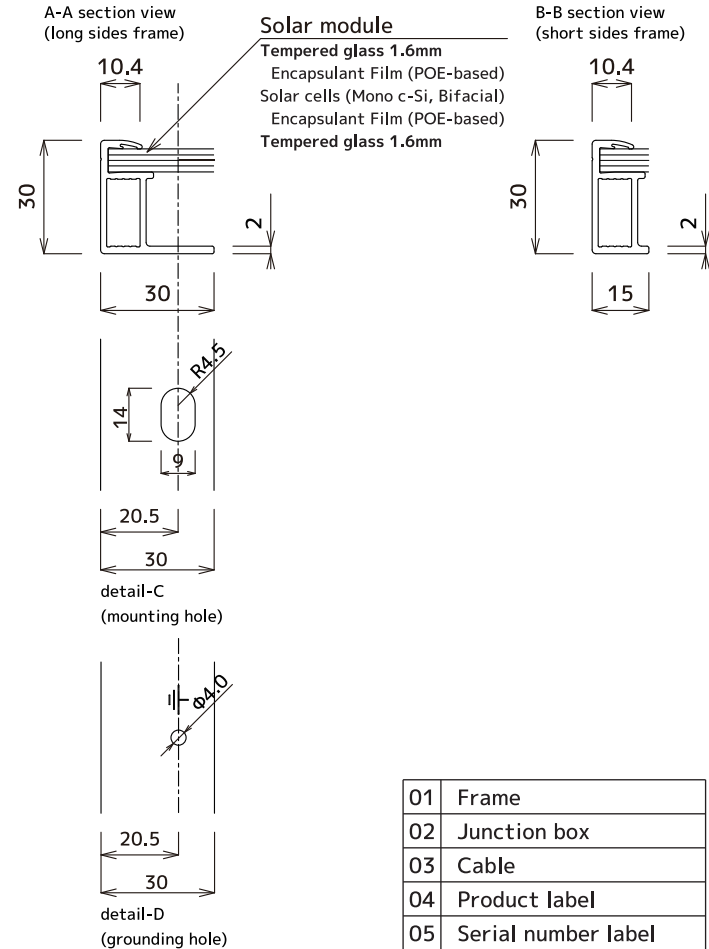
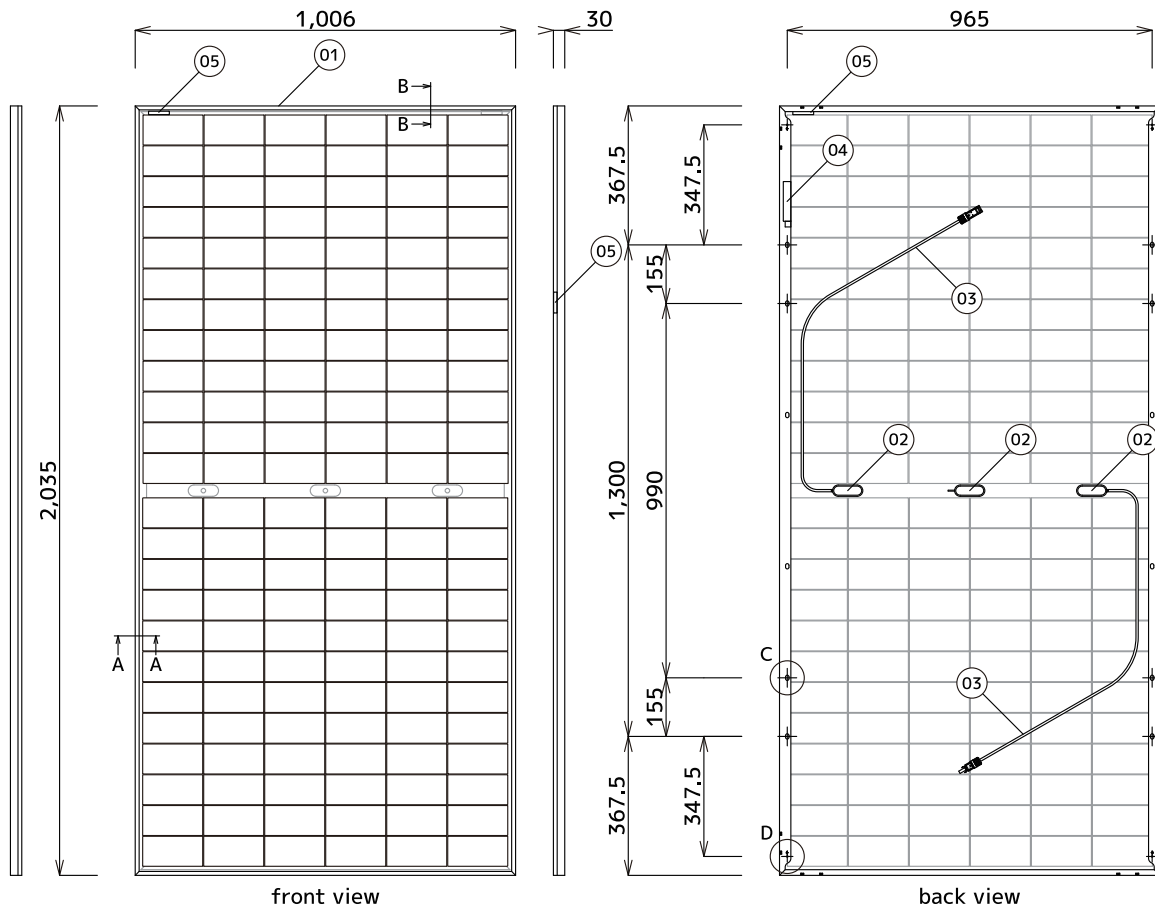
Product
certification



Tested according to:
IEC 61215(ed.2)
IEC 61730-1(ed.1);am1;am2
IEC 61730-2(ed.1);am1

Note: Specifications are subject to change without notice.

HIGH POWER SOLAR MODULE EG6-144MA-xDD series



01	Frame
02	Junction box
03	Cable
04	Product label
05	Serial number label

Specifications

Cell standard	N-type Mono c-Si, Bifacial, 9 bus bars, 158.75mm x 79.375mm
Cell quantity	144pcs (6 x 24)
Dimension	2,035mm x 1,006mm x 30mm
Weight	23.3kgs
Front/back	1.6mm Tempered glass on both sides.
Frame	Aluminum Frame
Junction box	IP67 (Diode x 3)
Cable	4.0sq 1000mm
Connector	MC4 or equivalent

Note: Specifications are subject to change without notice.



ENERGY GAP CORPORATION

Head Office:
 2F Nihonbashi Yoshihashi Bld.
 13-10 Nihonbashi-Kobunacho, Chuo-Ku, Tokyo
 103-0024, JAPAN
 Phone: 81-3-6206-2073
<http://www.energy-gap.com/>