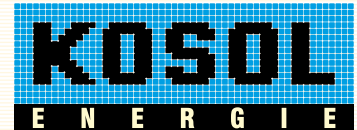


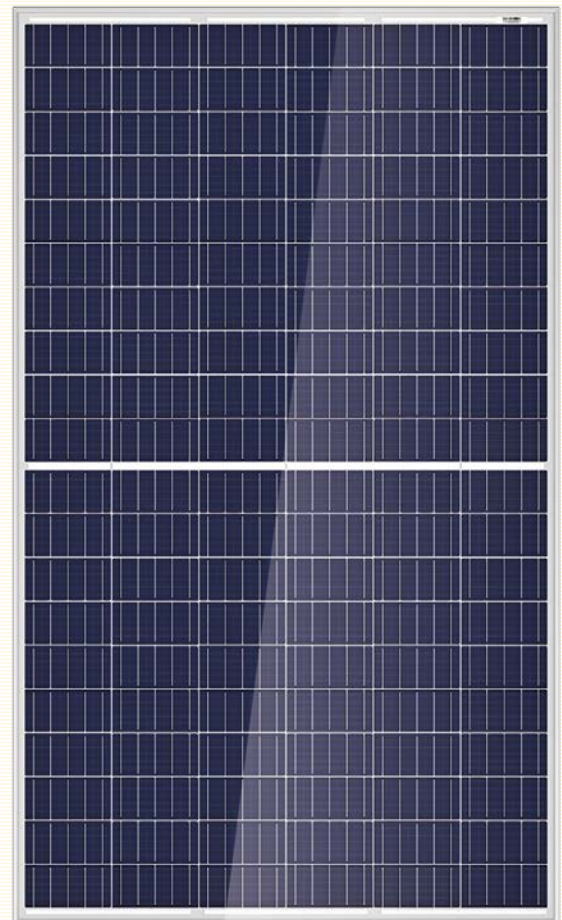
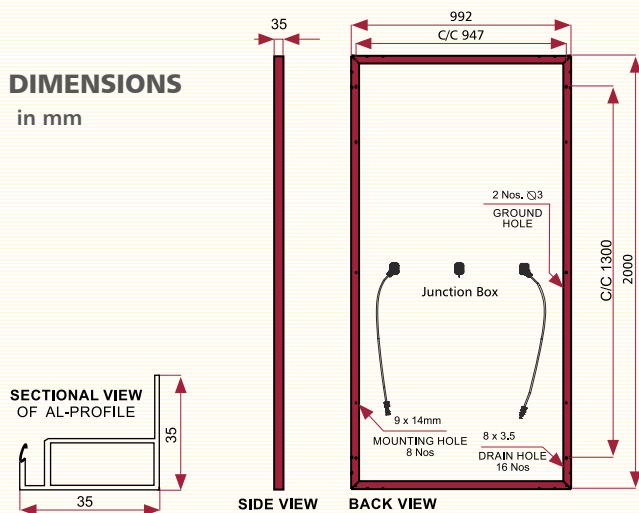
# Saturn Poly Split Cell Series



## Polycrystalline Solar PV Module Framed 144 Half-cut Cell

### DIMENSIONS

in mm



### TECHNICAL SPECIFICATIONS

TYPE	KE 335	KE 340	KE 345
Pmp/W*	335	340	345
Imp/A	8.96	9.05	9.14
Vmp/V	37.4	37.6	37.8
Isc/A	9.45	9.50	9.55
Voc/V	45.9	46.1	46.3

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25 °C, Air Mass AM1.5

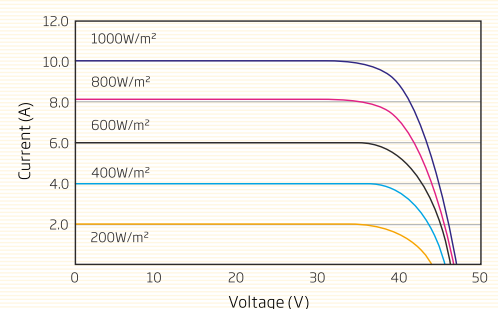
### THERMAL PARAMETERS

Tc of Open Circuit Voltage	- 0.310% / °C
Tc of Short Circuit Current	0.052% / °C
Tc of Power	- 0.41% / °C
Maximum System Voltage	1000 V
NOCT	45 °C ± 2 °C
Operating Range	- 40 °C to +85 °C

### MECHANICAL DATA

L x W x H (mm)	2000 × 992 × 35
Weight	22.5 kg
Junction Box	IP67
Cable & Connectors	1000 mm length with 4 mm <sup>2</sup> MC4 connector
Superstrate	High transmission low iron AR Coated tempered glass
Frame	Anodized Aluminium frame
Mechanical Load Test	5400 Pa
Maximum Series Fuse Rating	20 A

### IV CURVES OF PV MODULE (345W)



\* STC: 1000 w/m<sup>2</sup>, 25 °C, AM 1.5

The specifications are for reference purpose only. KOSOL reserves the right to change the specifications without prior notice.