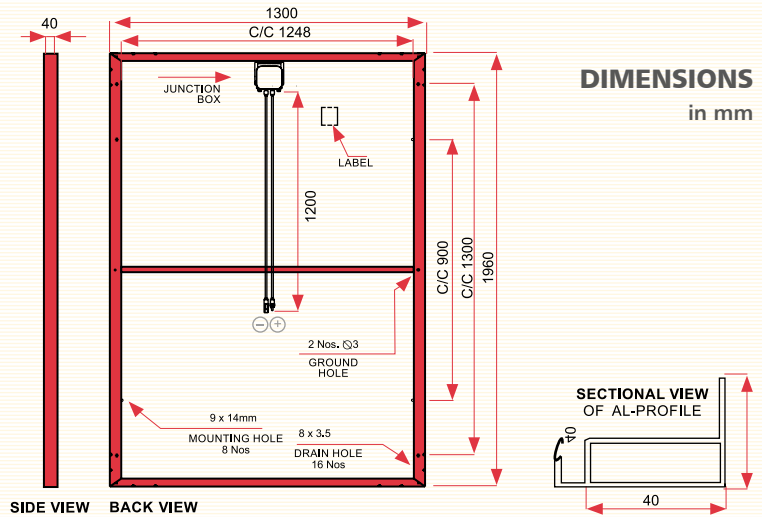
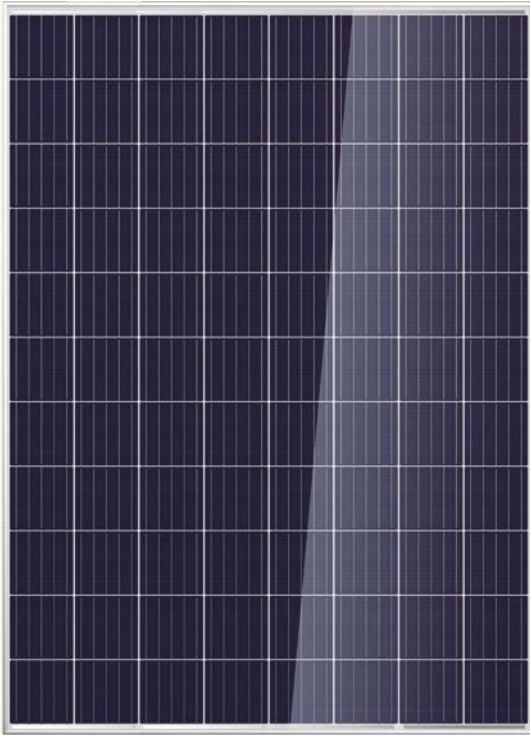


# Uranus Poly Series

## Polycrystalline Solar PV Modules 96 Cells | 4 BB | 5 BB



### TECHNICAL SPECIFICATIONS

TYPE	KE 420	KE 425	KE 430	KE 435	KE440
Pmp/W*	420	425	430	435	440
I <sub>mp</sub> /A	8.46	8.53	8.59	8.66	8.73
V <sub>mp</sub> /V	49.96	50.14	50.32	50.49	50.66
I <sub>sc</sub> /A	8.93	9	9.07	9.14	9.21
V <sub>oc</sub> /V	61.52	61.59	61.66	61.73	61.8

### THERMAL PARAMETERS

T <sub>c</sub> of Open Circuit Voltage	- 0.310% / °C
T <sub>c</sub> of Short Circuit Current	0.052% / °C
T <sub>c</sub> of Power	- 0.41% / °C
Maximum System Voltage	600 V - 1000 V
NOCT	45 °C ± 2 °C
Operating Range	- 40 °C to +85 °C

### MECHANICAL DATA

L x W x H (mm)	1960 × 1300 × 40
Weight	33 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

