KEENSTAR EGING PV

AURORA Pro+ SERIES

N-TOPCon
132-cell MODULE

EG-630NT66-HRcV

610~630W

0~3%POSITIVE TOLERANCE

KEY FEATURES

SMBB cell design
Super multi Busbar cells bring lower resisitance and increased Busbar reflectance ensures higher power output

Low degradation
Adopt N-Type TOPCon cell technology, lower degradation and better temperature co-effeciency, greatly increased on generation performance

Excellent Low-light Performance
Advanced solar cell and glass surface texturing technology allows for excellent performance in low-light environments

PID Resistant
Excellent PID resistance performance optimized by unique structural design

Lower LCOE
Super lower LCOE

LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty 30 Year Linear Power Warranty

As a BloombergNEF Tier 1 and global leading manufacturer since 1998,EGING PV is committed to supplying reliable and durable PV products to customers to creat together a greener planet.

EG-630NT66-HRcV

Engineering Drawings

I-V Curves

Packing Configuration

Pieces per pallet	36
Size of packing (mm)	2395*1135*1255
Weight of packing (kg)	1069
Pieces per container	720
Size of container	40'HC

Electrical Characteristics

Power level	610	615	620	625	630
Pmax (W)	610	615	620	625	630
Vmp (V)	40.46	40.63	40.79	40.96	41.13
Imp (A)	15.08	15.14	15.20	15.26	15.32
Voc (V)	48.67	48.89	49.05	49.24	49.43
Isc (A)	15.97	16.03	16.09	16.15	16.21
Module efficiency (%)	22.6	22.8	23.0	23.1	23.3
Maximum system voltage (V)			1500		
Fuse Rating (A)			30		
Temperature coefficient Pmax (%/°C)			-0.29		
Temperature coefficient Isc (%/°C)			0.046		
Temperature coefficient Voc (%/°C)			-0.24		

STC:Irradiance 1000W/m^2,module temperature 25°C, AM=1.5

Working Characteristics

Power level	610	615	620	625	630
Pmax (W)	463	466	470	474	478
Vmp (V)	37.90	38.00	38.22	38.36	38.52
Imp (A)	12.22	12.26	12.30	12.35	12.40
Voc (V)	46.00	46.20	46.40	46.54	46.72
Isc (A)	12.87	12.92	12.96	13.02	13.07
Power tolerance (%)			0~+3		
NOCT (°C)			44±2		

NOCT:Conditions:Irradiance 800W/m^2,ambient temperature 20°C, wind speed 1m/s

Mechanical Characteristics

Number of cells	132pcs
Size of cell (mm)	182.2*105
Type of cell	N-type Mono
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68
Size of module (mm)	2382*1134*30
Weight (kg)	28.3
Cables/connectors	4mm^2, MC4 compatible
Length of Cable	Portrait:+300mm/-300mm

Maximum Ratings

Operating Temperature(°C)	-40~85
Operating humidity(%)	5~85
Allowable Hail Load	25mm ice-ball with velocity of 23m/s

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CAUTION:All rights and explain reserved by EGING PV.
Specifications included in this datasheet are subject to change without notice.
The specific content of the product warranty refers to EGing's latest warranty.

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