tindo solar

Karra 260

The most powerful panel in the Tindo range

Australian Made

Engineered For Australian Conditions

Data Sheet Karra Model

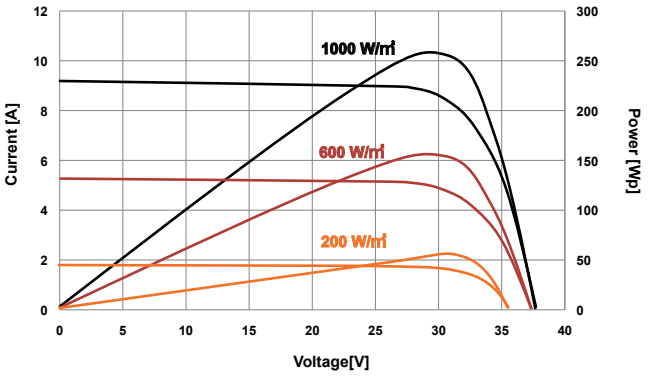
Electrical Characteristics

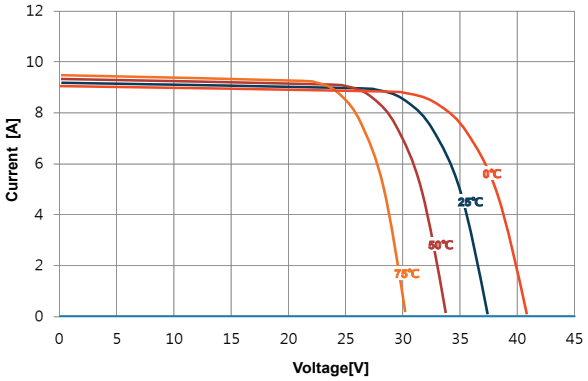
60Cells Panel Description		Karra-240	Karra-245	Karra-250	Karra-255	Karra-260
Item	Unit					
Max. Power (Pmax)	Wp	240	245	250	255	260
Max. Power voltage (Vmp)	V	29.6	29.8	30	30.2	30.4
Max. Power current (Imp)	A	8.1	8.2	8.3	8.4	8.6
Open circuit voltage (Voc)	V	37.3	37.5	37.7	37.9	38.1
Short circuit current (Isc)	A	8.7	8.7	8.8	8.8	8.8
Panel efficiency	%	14.3	14.6	15.0	15.3	15.6
Power tolerance	%	±3				

*STC(Standard Test Condition) : 1,000W/m², AM 1.5, 25℃

Australian Made

Irradiance & Temperature Curves





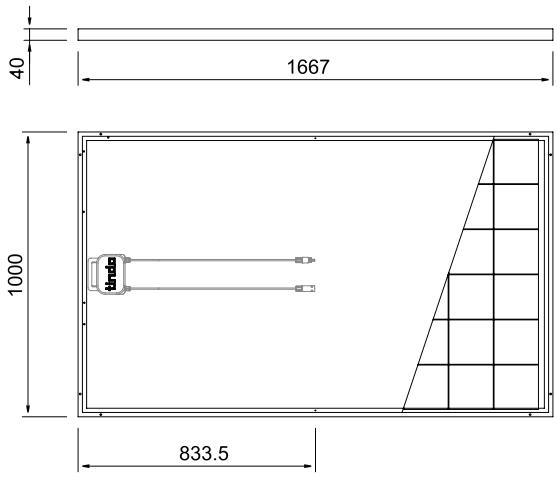
Mechanical Characteristics

Cells per Panel	60 Cells (6 x 10)
Cell Type	156 x 156 mm Multi-crystalline
Panel Dimension (L x W x H)	1,667 x 1,000 x 40 mm
Panel Weight	18.5 kg (without inverter / 2.3 kg)
Front Glass	3.2 mm Tempered Glass
Back Sheet	DuPont Tedlar film-based
Junction Box	Rated Current 18A / Rated Voltage 1000V(IEC) / IP65
Frame	Anodized Aluminum
Output cable	600mm / 4mm² cable
Edge seal & J-box Sealant	Dow Corning

Qualification Tests & Warranty

Front load test	2400 Pa (Snow)
Rear static load test	5400 Pa (Wind)
Safety application class	Class A
Fire Safety Classification	Class C
Certifications	IEC 61215, IEC 61730
Hailstone impact test	25mm hailstone at 23m/s from 1m distance
Warranty	10 years limited product warranty
Performance guarantee	25 years limited warranty 80% power
PID Resistance	Yes as tested by Fraunhofer Institute

Panel Drawing



Tindo Solar Partner

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