

The logo for Tindo Solar, with 'tindo' in orange and 'solar' in grey, set against a blue background with a faint sun icon in the top right corner.

tindo
solar

Tindo Karra
The most
powerful
panel in the
Tindo range



Engineered For Australian Conditions

Data Sheet Karra Model

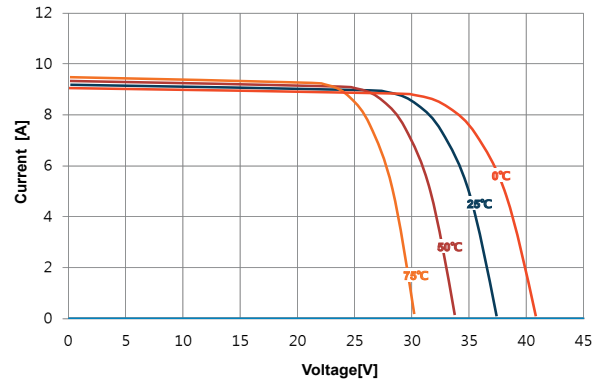
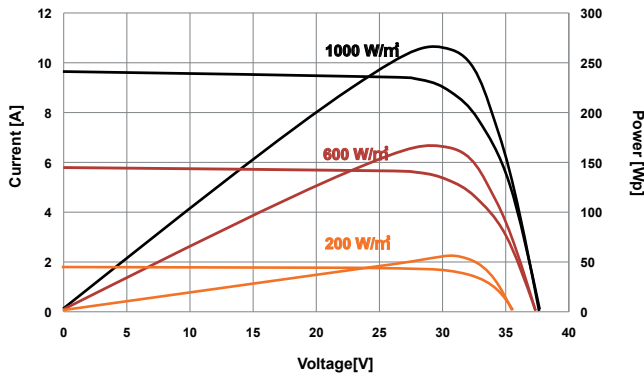
Electrical Characteristics

60Cells Panel Description		Karra-265	Karra-270	Karra-275	Karra-280	Karra-285
Item	Unit					
Max. Power (Pmax)	Wp	265	270	275	280	285
Max. Power voltage (Vmp)	V	30.8	31.2	31.6	32.0	32.4
Max. Power current (Imp)	A	8.60	8.65	8.70	8.75	8.80
Open circuit voltage (Voc)	V	38.3	38.5	38.7	38.9	39.1
Short circuit current (Isc)	A	9.10	9.20	9.30	9.40	9.50
Panel efficiency	%	15.9	16.2	16.5	16.8	17.1
Power tolerance	%	±3				

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



Irradiance & Temperature Curves



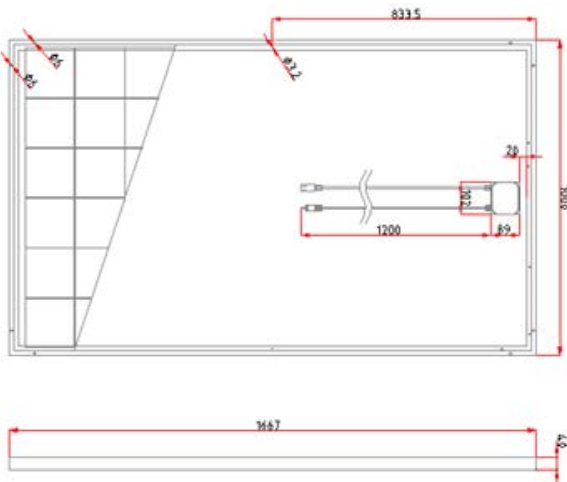
Mechanical Characteristics

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	18.2 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	1200mm / 4mm ² cable PV-KST4 MC4 Connector
Edge seal & J-box Sealant	Dow Corning

Qualification Tests & Warranty

Front load test	5400 Pa (Snow)
Rear static load test	2400 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



Tindo Solar

tindosolar.com Phone 1300 846 367 6 Second Avenue Mawson Lakes SA 5095