

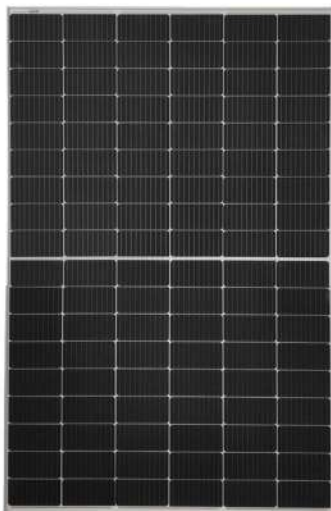


ANJITEK SERIES

395-415W Mono

M10/182mm Cell . 108 Half-Cell Layout

ANJI Technologies solar modules stand out with the breakthrough innovation of M10 size (182mm) solar cells for the highest power generation and the lowest LCOE, which makes Series 5 the optimal choice for large solar power plants. The gallium-doped wafer technology empowers significantly the performance against LID and the latest integrated segmented ribbon technology increases the power output and enhances the module reliability for long-term use.



Gallium-doped Technology



Half Cut Cell Technology



MBB Technology



Anti-PID
Low LID
Performance

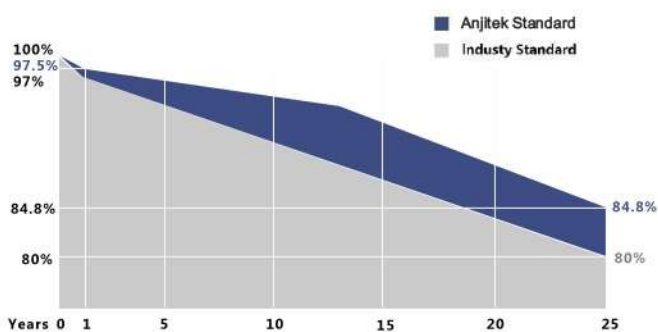


Less Hot Spot
Shading Effects



Lower BOS & LCOE

Linear performance Warranty



Comprehensive Certificates

- ISO9001:2015 QMS
- ISO14001:2015 EMS
- ISO45001:2018 OHSMS
- IEC61215/IEC61730 Standard quality



Anji Technologies (UK) Co., Ltd.

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Tel: +44 (0) 1582 434393

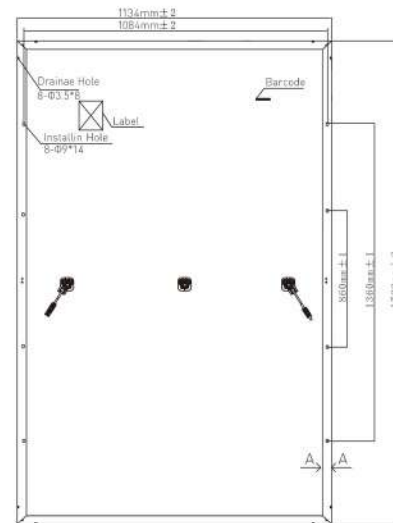
E-mail: admin@anjitek.co.uk

Web: www.anjitek.co.uk



MECHANICAL CHARACTERISTICS

Solar Cells	Mono
No. of Cells	108 (6 x 18)
Dimensions	1722 x 1134 x 30 mm
Weight	21.1 kg
Front Glass	3.2mm coated tempered glass
Frame	Anodized aluminium alloy
Junction Box	Ip68 rated (3 by pass diodes)
	4.0mm ²
Output Cables	300mm (+) / 400mm (-)
	Length can be customized
Connectors	Mc4 compatible
Mechanical load test	5400Pa



ELECTRICAL PARAMETERS

POWER CLASS	ANJ110-395		ANJ110-400		ANJ110-405		ANJ110-410		ANJ110-415	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power (Pmax)	395W	298W	400W	302W	405W	306W	410W	309W	415W	313W
Open Circuit Voltage (Voc)	36.84V	34.60V	37.04V	34.80V	37.24V	35.00V	37.45V	35.20V	37.65V	35.4V
Short Circuit Current (Isc)	13.66A	10.98A	13.73A	11.04A	13.81A	11.10A	13.88A	11.16A	13.96A	11.22A
Voltage at Maximum power (Vmpp)	30.98V	28.60V	31.18V	28.80V	31.38V	29.00V	31.59V	29.20V	31.79V	29.40V
Current Maximum Power (Impp)	12.76A	10.44A	12.83A	10.50A	12.91A	10.56A	12.98A	10.62A	13.06A	10.70A
MODULE EFFICIENCY (%)	20.2%		20.5%		20.7%		21.0%		21.3%	

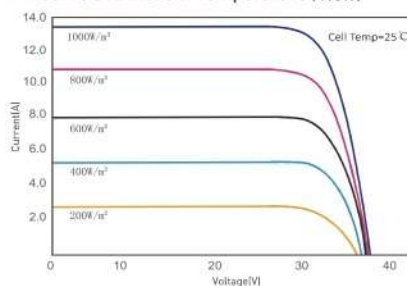
STC: Irradiance 1000W/m², cell temperature 25°C, AM1.5G NOCT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s, AM1.5G

PACKING CONFIGURATION

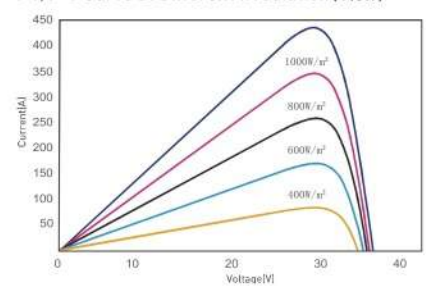
Container	40'HQ
Pieces per pallet	36
Pallets per container	26
Pieces per container	936

I-V CURVE

I-V Curve at Different Temperature (415W)



I-V/P-V Curve at Different Irradiation (415W)



OPERATING CHARACTERISTICS

Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500 DC (IEC)
Maximum Series Fuse Rating	25A
Power Tolerance	0/+5W

TEMPERATURE CHARACTERISTICS

Nominal Operating Temperature (Noct)	45±2°C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.28%/°C
Temperature Coefficient of Isc	+0.05%/°C

Note: Due to continuous technical innovation, R&D and improvement, technical data above mentioned may be of modification accordingly. ANJITEK(UK) have the sole right to make such modification at any time without further notice.

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