

TOP CLASS 500-530



WHAT WE OFFER YOUR BEST PV SUPPLIER



WARRANTY - 10 YEARS
POWER OUTPUT
 90% - 12 YEARS, 80% - 25 YEARS

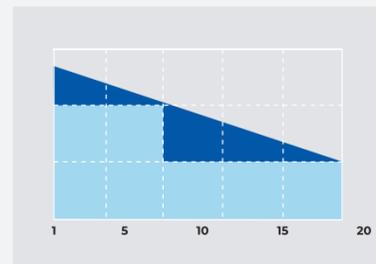
RELIABLE QUALITY



TEMPERATURE COEFFICIENTS

Voltage	-0.308 % / °C
Current	0.032 % / °C
Power	-0.42 % / °C
NOCT Avg	45 °C ±3

SUPERIOR WARRANTY



KEY FEATURES

- Monocrystalline modules designed for commercial & solar farm grid-tied applications
- High Power output & highest conversion efficiency
- Ant-reflective and anti-soiling surface reduces power loss from dirt & dust
- Outstanding performance in low-light irradiance environments

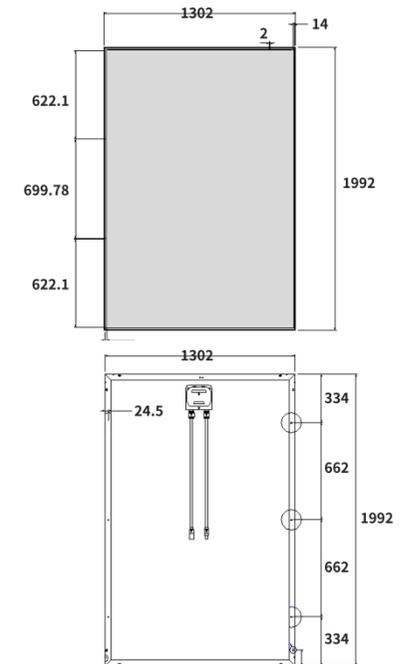
MECHANICAL PARAMETERS

Solar cells	Mono crystalline cells
Front cover	Low iron tempered glass 4.0mm, AR
Back cover	White polyester
Frame	Silver anodized aluminum alloy (40mm)
Output Cables	12 AWG(4mm ²) cables with polarized weatherproof connectors, cable length 1.25m (49.21in.)
Junction box	NEMA IP67 rated; 4 internal bypass diodes
Dimensions	1992(78.58in) * 1302(51.57in) * 36(1.57in)
Approximate Weight	35KG (77.16LBS)

LIMITS

Max. system voltage	DC 1,000 V
Operating module temperature	-40°C TO +85°C
Storm resistance/ Static load	
The standard chunk of Lorem Ips	
Tested to IEC61215 for loads, up to 5400Pa (113psf), hail and wind resistant	

ENGINEERING DRAWINGS



ELECTRICAL PARAMETERS

	500 W	510 W	515 W	520 W	525 W	530 W
Nominal power[Wp] - Pmpp	500	510	515	520	525	530
Voltage at nominal power[V] - Vmpp	53.33	53.4	53.41	53.52	53.69	53.72
Current at nominal power[A] - Impp	9.38	9.56	9.66	9.72	9.78	9.88
Open-circuit voltage[V] - Voc	65.18	65.24	65.27	65.3	65.33	65.36
Short-circuit current[A] - Isc	9.86	9.98	10.04	10.1	10.16	10.22
Module efficiency level[%]	19.28 %	19.66 %	19.85 %	20.05 %	20.24 %	20.44 %

Performance under standard test conditions (STC) : 1000W/m², 25°C, AM 1.5 / Output tolerance[%] 0~+3%

I-V CURVE

