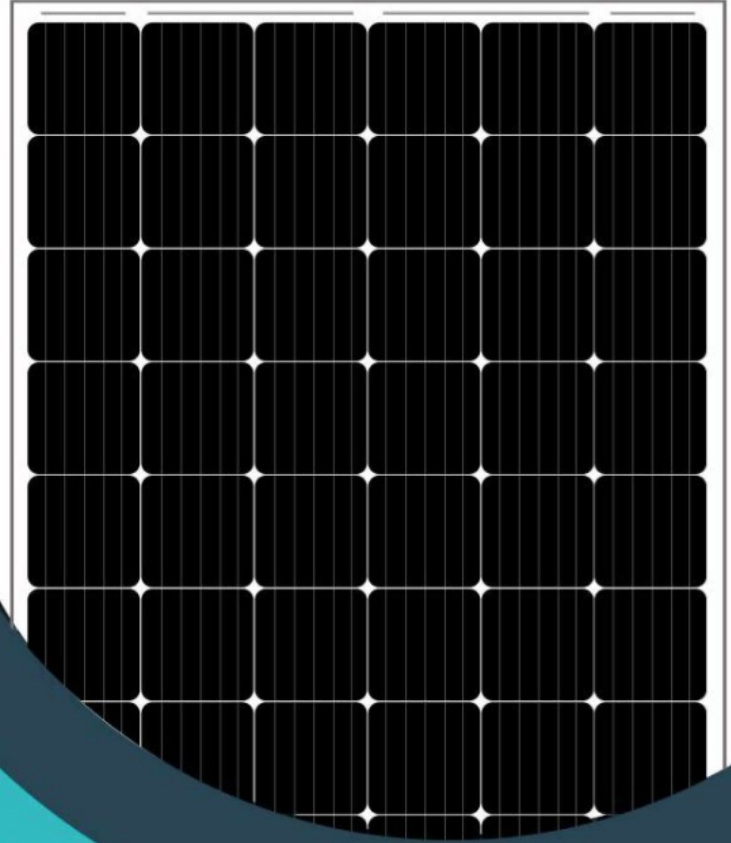




ANKARA[®] SOLAR

CAPITAL OF SOLAR ENERGY



AS-M66

315-340W



High Efficiency Solar Cell
5 BB Monocrystalline PERC



1500V SYSTEM VOLTAGE
Maximum System Voltage 1500 VDC



12 YEARS WARRANTY
12 years 91.2% of the nominal power output



30 YEARS LINEAR POWER WARRANTY
30 years 80.6% of the nominal power output



POSITIVE POWER TOLERANCE
Positive power tolerance 0~+ 5W



PID Free
IEC 62804 potential induced degradation PID resistance



Withstand wind loads up to 2400Pa
Withstand snow loads up to 5400Pa

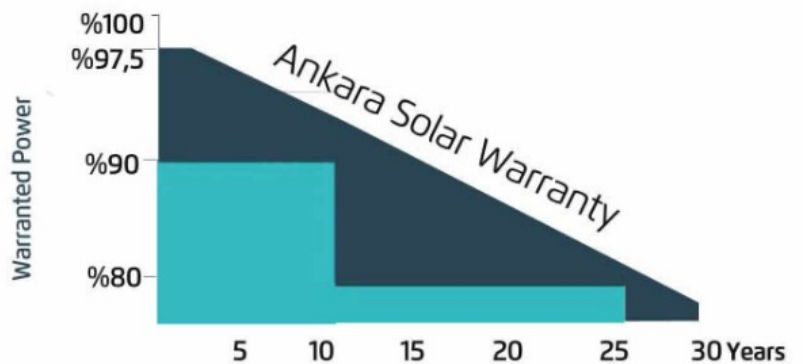


Module Efficiency

%20,40

Maximum Power

340Wp



● Linear performance warranty from Ankarasolar
● Standart performance warranty



IEC 61215 - IEC 61730 - ISO 9001 2015 - ISO 14001 2015 - OHSAS 1801 2007

Made in Turkey



AS-M66 315-340W

ELECTRICAL CHARACTERISTICS AT (STC)

Nominal Power (Pmax)	315W	320W	325W	330W	335W	340W
Open Circuit Voltage (Voc)	40.2V	40.4V	40.6V	40.8V	41.0V	41.20V
Short Circuit Current (Isc)	9.97A	10.06A	10.15A	10.25A	10.35A	10.42A
Voltage at Nominal Power (Vmpp)	33.0V	33.2V	33.4V	33.6V	33.8V	34.0V
Current at Nominal Power (Imp)	9.55A	9.64A	9.74A	9.83A	9.92A	10.02A
Module Efficiency %	18.94	19.24	19.54	19.84	20.14	20.40
Operating Temperature	40 C to +85 C					
Maximum System Voltage	1000V DC/1500V DC					
Maximum Series Fuse Rating	15A					

STC : Irradiance 1000W/m2 Cell temperature 25C AM 1.5

ELECTRICAL CHARACTERISTICS AT (NOTC)

Nominal Power (Pmax)	234W	238W	242W	246W	250W	253W
Open Circuit Voltage (Voc)	37.1V	37.3V	37.5V	37.7V	37.9V	38.10V
Short Circuit Current (Isc)	8.08A	8.15A	8.22A	8.30A	8.38A	8.45A
Voltage At Nominal Power (Vmpp)	30.2V	30.4V	30.6V	30.8V	31.0V	31.20V
Current At Nominal Power (Imp)	7.75A	7.83A	7.91A	7.99A	8.07A	8.12A

NOCT, Irradiance 800w/m2 Ambient Temperature 20C Wind Speed 1m/s

MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline PERC
Number of Cells	60 (6x10)
Module Dimensions	1660x1004x35mm
Weight	18.5kg
Front Cover	3.2 Tempered Glass EN12150
Frame	Anodize Aluminium Alloy
Junction Box	Ip67, 3 dodes
Cable	4mm2 900 - 1000mm
Connector	MC4 or MC4 compatilbe IP67
Cell Encapsulation	EVA (Ethylene - Vinly - Acetate)

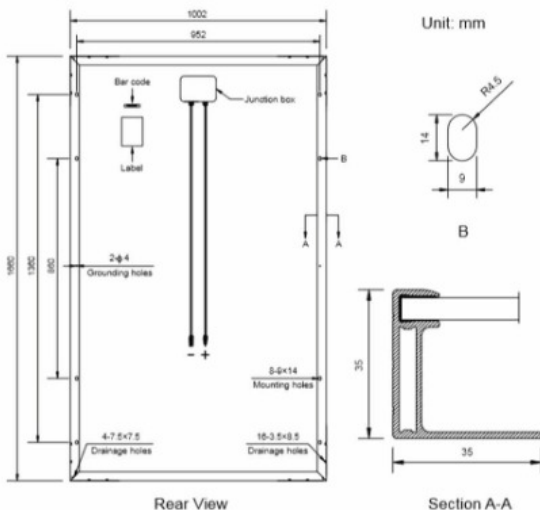
TEMPERATURE CHARACTERISTIC

Nominal Operating Cell Temperature	45°C±2°C
Tempereature Coeficients of Pmax	-0.38%/°C
Tempereature Coeficients of Voc	-0.29%/°C
Tempereature Coeficients of Voc Isc	0.052%/°C

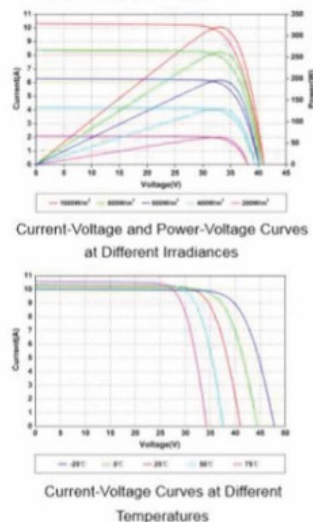
PACKING

Standart Packaking	32 Pieces / Palet
Module quantity per 20'container	384 Pieces
Module quantity per 40'container	896 Pieces

ENGINEERING DRAWINGS IV



IV CURVES



info@ankarasolar.com.tr
www.ankarasolar.com.tr