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Solar Panel Guide Specification Data Sheet

**Bereket Enerji
Poly 72 300-330W
A-MU320**

Also available on the web at
EnergyPal.com/bereket-enerji-solar-panels/a-mu320

MECHANICAL CHARACTERISTICS

Cell Type	156x156 mm (6") or 156,75*156,75mm (6.17")
Number of Cells	72 (6x12)
Dimensions	998x1982x40 mm (39,29" x 78,03" x 1,57")
Weight	(21,9 +/-1) kg (48,3 lb)
Glass	3,2 mm thickness, High transmission, Tempered Glass, AR Coating
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Protection Class
Output Cables	Length 1000mm, MC4 compatible

ELECTRICAL CHARACTERISTICS

	A-MU300	A-MU305	A-MU310	A-MU315	A-MU320	A-MU325	A-MU330
Maximum Power (Pmax)	300	305	310	315	320	325	330
Maximum Power Voltage (Vmp)	37,28	37,56	37,85	38,13	38,42	38,77	39,06
Maximum Power Current (Imp)	8,06	8,12	8,21	8,27	8,33	8,40	8,46
Open Circuit Voltage (Voc)	43,79	44,12	44,28	44,62	44,95	45,26	45,60
Short Circuit Current (Isc)	8,58	8,64	8,69	8,76	8,82	8,86	8,93
Module Efficiency	16,35%	16,63%	16,90%	17,19%	17,44%	17,72%	17,99%
Operating Temperature (°C)	-40(°C) ~ +85 (°C)						
Maximum System Voltage	1500 VDC (IEC)						
Maximum Series Fuse Rating	15A						
Power Tolerance	0 ~ +5W						
Temperature Coefficient of Pmax	-0,39% (°C)						
Temperature Coefficient of Voc	-0,31% (°C)						
Temperature Coefficient of Isc	0,04% (°C)						

Under standart test conditions (STC): irradiance 1000W/ m² ,A.M 1,5, cell temperature 25 °C

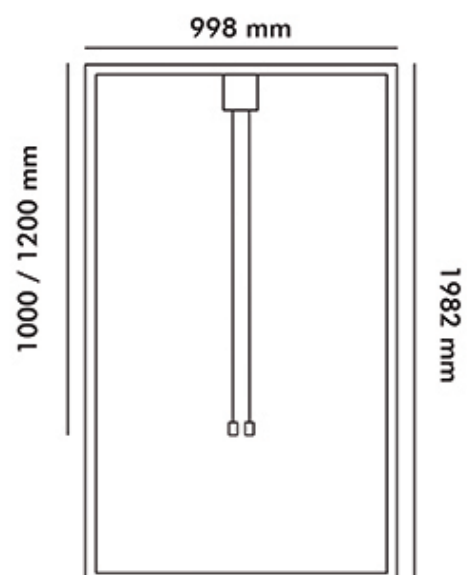
PACKAGING

26 pcs/pallet

570 kg/pallet

624 pcs/ 40HQ Container

DRAWING



CERTIFICATIONS



IEC 61215-1,-2

IEC 62804-1

IEC 61701

IEC 61730-1,-2

IEC 62716