

X63

325 - 333W



QUALITY SIGNED AND SEALED



MORE POWER ON YOUR ROOF

**25 YEAR PRODUCT GUARANTEE
OPTIONAL AVAILABLE**

**98% OF NOMINAL POWER GUARANTEED
IN THE FIRST TWO YEARS**



PID FREE

PID tested with excellent results
under the harshest conditions



**15 YEARS PRODUCT GUARANTEE
UPGRADEABLE TO 25 YEARS AS A
PREMIUM OPTION**



**25 YEARS LINEAR
PERFORMANCE WARRANTY**



CRAFTED WITH PASSION



CONSTANTLY HIGH CELL QUALITY
through strict quality examinations
by high-resolution electroluminescence
measurements.
100% of diodes are tested.

aleo solar module X63 HE

ELECTRICAL DATA (STC)		X63L325	X63L330	X63L333	BASIC MODULE DATA	
Rated power	P_{MPP} [W]	325	330	333	Length x width x height	[mm] 1716 x 1023 x 42
Rated voltage	V_{MPP} [V]	32.8	33.1	33.2	Weight	[kg] 19.9
Rated current	I_{MPP} [A]	9.90	9.99	10.03	Number of cells	60
Open-circuit voltage	V_{OC} [V]	39.9	40.1	40.2	Cell size	[mm] 158.75 x 158.75
Short-circuit current	I_{SC} [A]	10.42	10.51	10.55	Cell material	Monocrystalline Si, PERC
Efficiency	η [%]	18.5	18.8	19.0	Number of bus bars	5
Electrical values measured under standard test conditions (STC): 1000 W/m ² ; 25°C; AM 1.5						

ELECTRICAL DATA (NMOT)		X63L325	X63L330	X63L333
Power	P_{MPP} [W]	240	244	246
Voltage	V_{MPP} [V]	30.4	30.7	30.8
Current	I_{MPP} [A]	7.90	7.97	8.00
Open-circuit voltage	V_{OC} [V]	37.3	37.5	37.6
Short-circuit current	I_{SC} [A]	8.39	8.46	8.50
Efficiency	η [%]	17.1	17.4	17.5

Electrical values measured under nominal module operating temperature: 800 W/m²; 20°C; AM 1.5; wind 1 m/s; Module temperature NMOT : 44.5°C

ELECTRICAL DATA (LOW IRRADIANCE)		X63L325	X63L330	X63L333
Power	P_{MPP} [W]	63	64	65

Electrical values measured under: 200 W/m²; 25°C; AM 1.5

TEMPERATURE COEFFICIENTS			
Temperature coefficient I_{SC}	$\alpha (I_{SC})$	[%/K]	+0.05
Temperature coefficient V_{OC}	$\beta (V_{OC})$	[%/K]	-0.29
Temperature coefficient P_{MPP}	$\gamma (P_{MPP})$	[%/K]	-0.40

BASIC DATA JUNCTION BOX	
Length x width x height	[mm] 148 x 123 x 27
IP class	IP67
Cable length	[mm] 1200 (+), 800 (-)
Connectors	MC4
Bypass diodes	3

CLASSIFICATION		X63L325	X63L330	X63L333
Classification range (positive classification)	[W]	0/+4.99	0/+2.99	0/+6.99

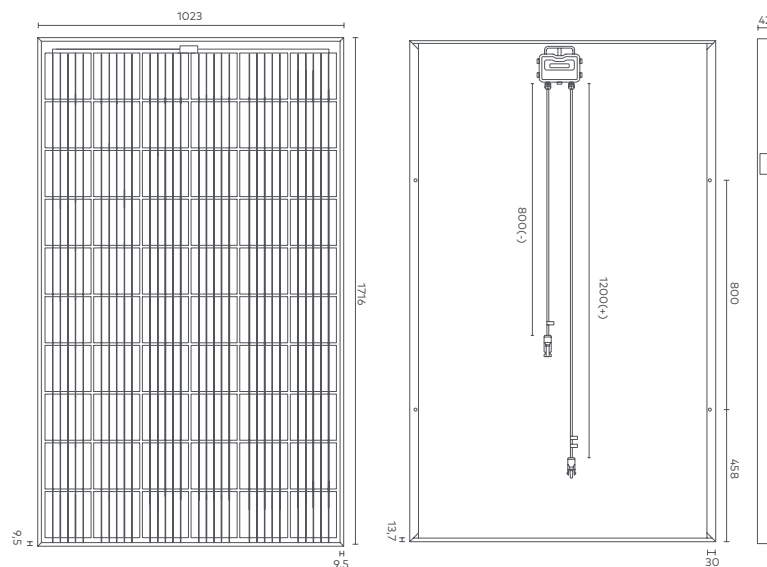
CERTIFICATIONS AND GUARANTEES	
Product Guarantee	15 years, optional 25 years
Power Guarantee	25 years – Linear
Fire Resistance	Class C
Protection Against Electric Shock	II
Certifications	IEC 61215, IEC 61730
	IEC 62716 – Ammonia Resistance
	IEC 61701 – Salt mist Resistance
	IEC 62804 – PID Resistance
	MCS 010; MCS 005

LOADS	
Max. module pressure load (Testload)	[Pa] 8000 ¹
Max. module pressure load (Designload) ²	[Pa] 5333 ¹
Max. module suction load (Testload)	[Pa] 2400 ¹
Max. module suction load (Designload) ²	[Pa] 1600 ¹
Max. system voltage	[V _{DC}] 1000
Reverse current load	I_r [A] 20

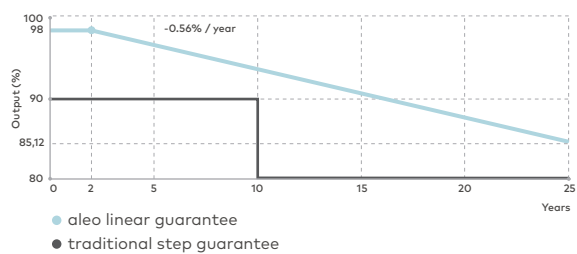
Mechanical load acc. to IEC/EN 61215:2016
¹ Please observe the mounting conditions in the installation manual
² Testload/ Safety factor 1.5 = Designload

Measurement tolerance of P_{MPP} under STC -3/+3% |
 Accuracy of other electrical values -10/+10%
 Efficiency relating to gross module area

DIMENSIONS [mm]



PERFORMANCE GUARANTEE



PLEASE CONTACT YOUR AUTHORISED ALEO DEALER

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