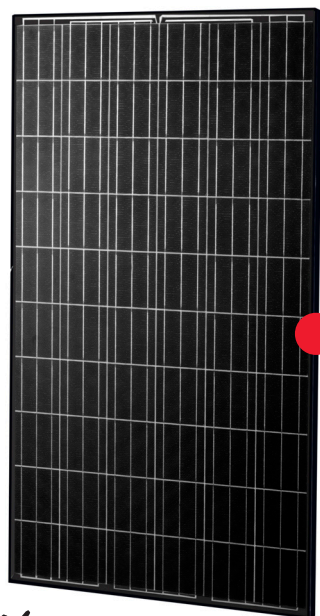


PRELIMINARY



Latitude Solar
BLACK LINE



LATITUDE**SOLAR**

WWW.LATITUDESOLAR.COM

Mechanical Specifications

Length:	1651 ± 2 mm
Width:	987 ± 2 mm
Height:	35 mm
Weight:	22 kg
Junction box:	IP65, 3 by-pass diodes, 1000V
Cable:	4 mm ² , l = 1000 mm, 1000V
Glass:	4 mm, hardened, anti-reflection
Cells:	Mono crystalline, 60 pcs, 156 x 156 mm
Cell encapsulation material:	EVA (Ethylene-Vinyl-Acetate)
Back sheet material:	Fluoropolymer/polyester, 1000V

Temperature coefficients

Current temperature coefficients	α (I _{sc})	+ 0.03 %/°K
Voltage temperature coefficients	β (U _{oc})	- 0.34 %/°K
Power temperature coefficients	γ (P _{mpp})	- 0.43 %/°K
Nominal Operation Cell Temperature	NOCT	48°C

Electrical Characteristics at Standard Test Conditions (STC)

Nominal power	P _{mpp} *	260	265	270	275
Sorting range	Watt	260,0-264,9	265,0-269,9	270,0-274,9	275,0-279,9
Peak power voltage	U _{mpp}	31,20	31,45	31,68	31,92
Peak power current	I _{mpp}	8,33	8,43	8,52	8,62
Open circuit voltage	U _{oc}	37,31	37,68	37,98	38,18
Short circuit current	I _{sc}	8,91	9,00	9,10	9,18
Module efficiency		16,0%	16,3%	16,6%	16,9%

Purely positive module classification (-OWp/+ 4,99Wp)

Maximum system voltage: 1000 V - **mpp** stands for Maximum Power Point.

STC: irradiation level 1000 w/m², spectrum AM 1,5 and cell temperature 25°C

Above values are subject to normal production and measurement tolerances (-/+3%)

On request, modules can be delivered with Flash Report.