

PERC HALF-CUT

FU 325 / 330 / 335 / 340 M NEXT Pro

Monocrystalline Photovoltaic Module - 120 half-cut cells

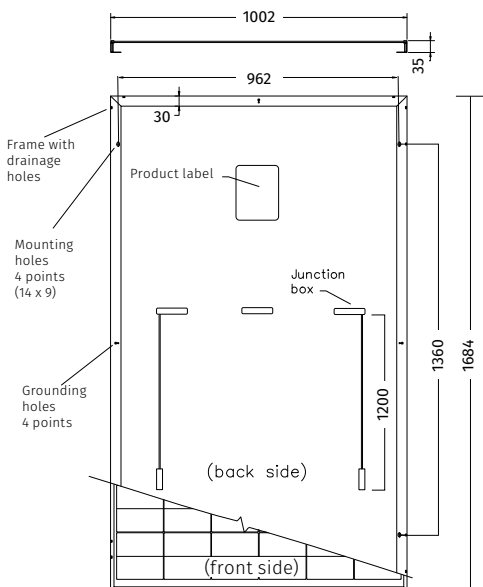
Engineered
in Italy



- IEC 61215:2016 - IEC 61730:2016
& Factory Inspection
- Fire Resistance - Class C



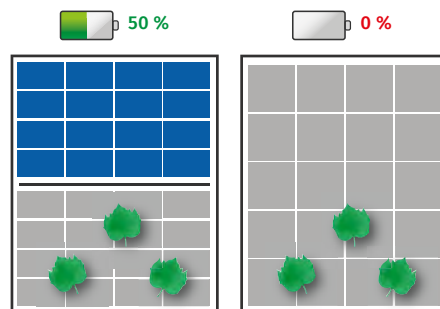
CE



Note: dimensions in mm
tolerance +/- 2 mm

GENERAL FEATURES

- 15-year product warranty
- 158.75 mm half-cut PERC cells
- High module efficiency up to 20.15%
- 2 independent section design secures a higher energy yield in case of shading
- Lower risk of micro cracks and hot-spot
- Improved low light performance
- Low NMOT, improving the power generation efficiency
- Half cut design in combination with multi busbar reduce operating current and internal resistance



GUARANTEES

Performance guarantee

Max power decrease **0.5%/year**

97% at the end of first year

90% at the end of 20th year

87% at the end of 25th year

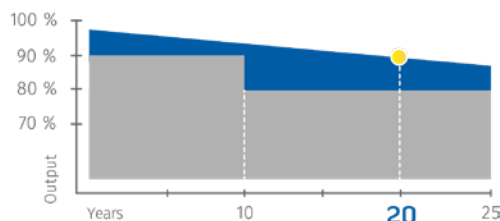
NEW

Product guarantee

15 YEARS

NEW

- Market standard performances
- FuturaSun performances



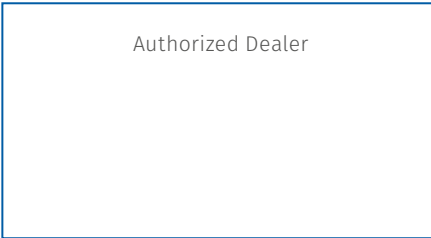
ELECTRICAL DATA					
MODULE NEXT PRO		FU 325 M NEXT Pro	FU 330 M NEXT Pro	FU 335 M NEXT Pro	FU 340 M NEXT Pro
Standard Test Conditions STC: 1000 W/m² - AM 1.5 - 25 °C - tolerance: Pmax (±3%). Voc (±4%). Isc (±5%)					
Module power (Pmax)	W	325	330	335	340
Open circuit voltage (Voc)	V	41.26	41.53	41.78	42.04
Short circuit current (Isc)	A	10.01	10.09	10.17	10.25
Maximum power voltage (Vmpp)	V	34.38	34.64	34.92	35.18
Maximum power current (Impp)	A	9.49	9.56	9.63	9.70
Module efficiency	%	19.26	19.56	19.86	20.15

Nominal Module Operating Temperature NMOT: 800 W/m² - T=42 °C - AM 1.5					
Module power (Pmax)	W	242	246	250	254
Open circuit voltage (Voc)	V	39.09	39.34	39.58	39.82
Short circuit voltage (Isc)	A	8.06	8.13	8.20	8.27
Maximum power voltage (Vmpp)	V	31.99	32.24	32.49	32.73
Maximum power current (Impp)	A	7.58	7.63	7.69	7.76

TEMPERATURE RATINGS		
Temperature coefficient Isc	%/°C	0.05
Temperature coefficient Voc	%/°C	-0.28
Temperature coefficient Pmax	%/°C	-0.35
NMOT *	°C	42
Operating temperature	°C	from -40 to +85

*Nominal Module Operating Temperature

MECHANICAL SPECIFICATIONS	
Dimensions	1684 x 1002 x 35 mm
Weight	19.5 kg
Glass	High transmission, Low iron, Tempered, ARC, Transparent, 3.2 mm
Cell encapsulation	EVA (Ethylene Vinyl Acetate)
Cells	120 monocrystalline half-cut PERC cells 158.75 x 79.37 mm
Backsheet	Composite multilayer film
Frame	Silver anodized aluminium frame with mounting and drainage holes
Junction box	Certified according to IEC 62790, IP 68 approved, 3 bypass diodes
Cables	Solar cable, length 1200 mm or customized assembled with MC4-compatible plugs
Maximum reverse current (Ir)	20 A
Maximum system voltage	1000 V (1500 V on request)
Mechanical load (snow)	Design load: 3600 Pa 5400 Pa (including safety factor 1.5)
Mechanical load (wind)	Design load: 1600 Pa 2400 Pa (including safety factor 1.5)
Protection Class	II - accordance to IEC 61730



2020_120m_325-340_NEXT_Pro_en



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