

BLACK GLASS™

“POWER THAT LASTS”



Mono MWT
290 / 300 / 310

THE FIRST
GLASS-GLASS
BACK CONTACT
SOLAR MODULE
IN THE WORLD

WINNER!
SOLAR SOLUTION
INNOVATION AWARD 2015



>18%

HIGH MODULE
EFFICIENCY



HIGH PERFORMANCE
RATIO



30+ yr

HIGH DURABILITY



ELEGANT AND
SLIM DESIGN

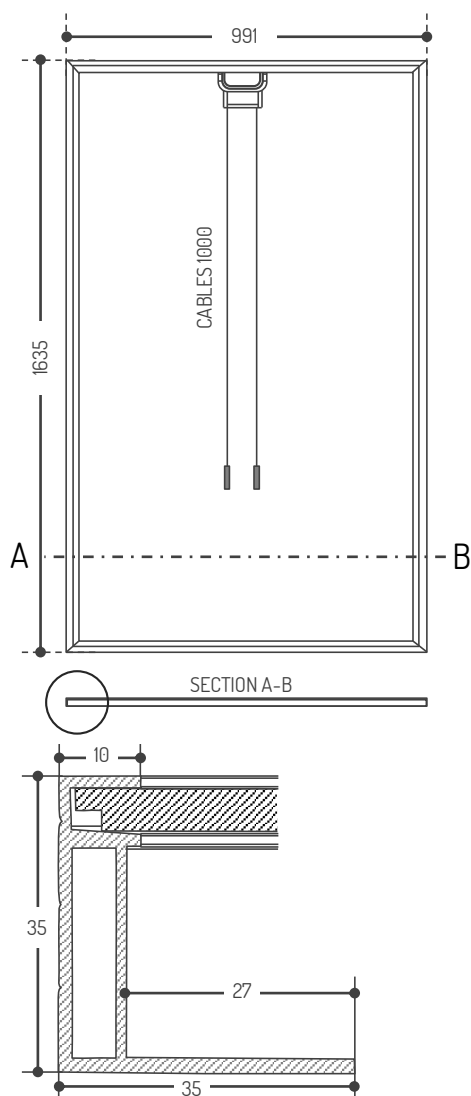


PRODUCED IN THE
NETHERLANDS

EXASUN

BLACK GLASS™ SOLAR PV MODULES (60 cells)

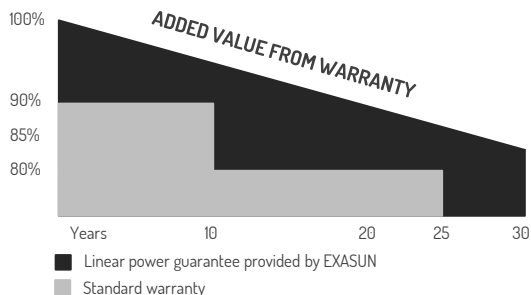
INVENTED & PRODUCED IN EUROPE



WARRANTIES

30 yr Product Workmanship Warranty

30 yr Linear Power Warranty



EXASUN

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MODULE TYPE		X60-BG290 290Wp	X60-BG300 300Wp	X60-BG310 310Wp White
ELECTRICAL PERFORMANCE (STC)				
Module Efficiency	Nm [%]	18.3%	18.9%	19.5%
Peak Power Output P_{MAX}	[Wp]	290	300	310
Maximum Power Voltage V_{MPP}	[V]	31.9	32.4	32.9
Maximum Power Current I_{MPP}	[A]	9.1	9.3	9.4
Open Circuit Voltage V_{OC}	[V]	39.3	39.3	39.8
Short Circuit Current I_{SC}	[A]	9.7	9.8	10.3
STC: Irradiance at 1000 W/m ² ; Cell temp. 25°C AM 1.5 spectrum according to EN 60904-3				
ELECTRICAL PERFORMANCE (NOCT)				
Maximum Power P_{MAX}	[Wp]	215	223	230
Maximum Power Voltage V_{MPP}	[V]	27.4	27.8	28.3
Maximum Power Current I_{MPP}	[A]	7.8	8.0	8.1
NOCT: Irradiance at 800 W/m ² ; Ambient Temp. 20°C; Wind speed 1 m/s				
COMPONENTS & DIMENSIONS				
Cell Type		PERC – Monocrystalline Silicon – Metal Wrap Through		
Cell Dimensions	mm	156.75 x 156.75		
Module Type		Framed Glass-Glass		
Module Dimensions	mm	1635 x 991		
Module Weight	kg	22.5		
Mounting		Black Anodized Aluminum Frame		
Frontside Glass		2.0 Tempered Ultra clear Glass (EN1863) AR Coated & Structured		
Backside Glass		2.0 mm Tempered Glass		
Diodes		3		
Connector		MC 4		
OPERATING CONDITIONS				
Max. Static Load Front	Snow	5400 Pa		
Max. Static Load Back	Wind	2400 Pa		
Max. Hail Stone Impact	mm at m/s	75 mm at 39.5 m/s		
Temp. Coefficient Power	P_{MAX}	-0.375 %/K		
Temp. Coefficient Voltage	V_{OC}	-0.294 %/K		
Temp. Coefficient Current	I_{SC}	+0.041 %/K		
Operating Temperature Range	°C	-40 to 125		
Max System Voltage	V DC	1000		
Max Series Fuse Rating	A	12		

OUR PARTNER

CERTIFICATIONS

Certification ongoing
IEC 61215 and IEC61730-1, -2



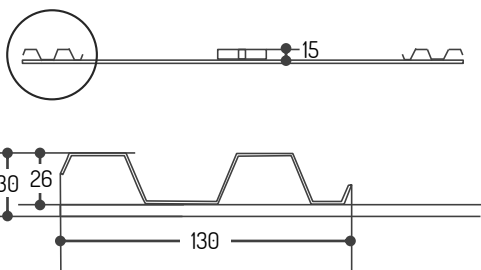
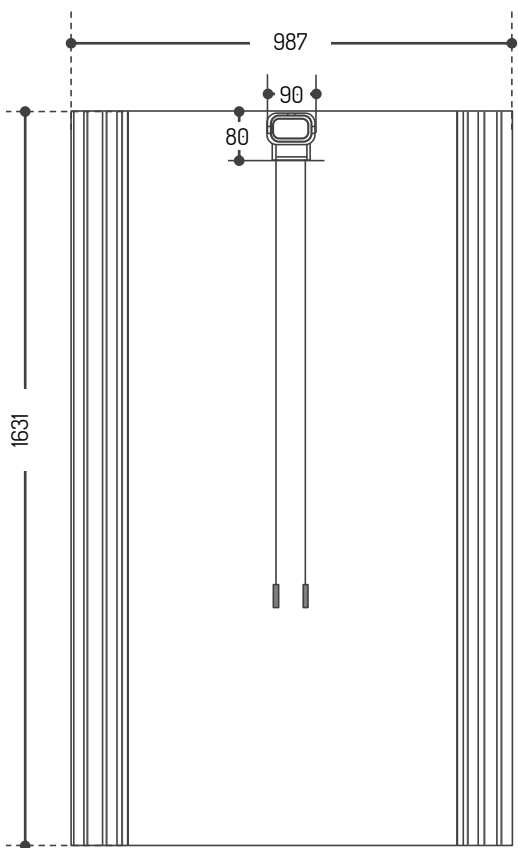
EXASUN endeavors to provide you with the correct specifications. This data sheet complies with the requirements of NEN EN 50380. Specifications are subject to change without prior notice.
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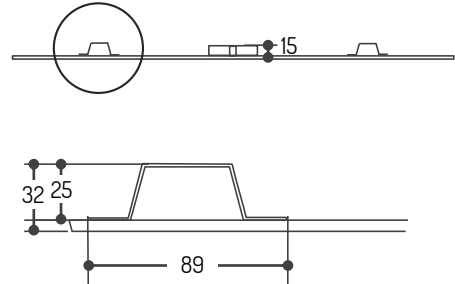
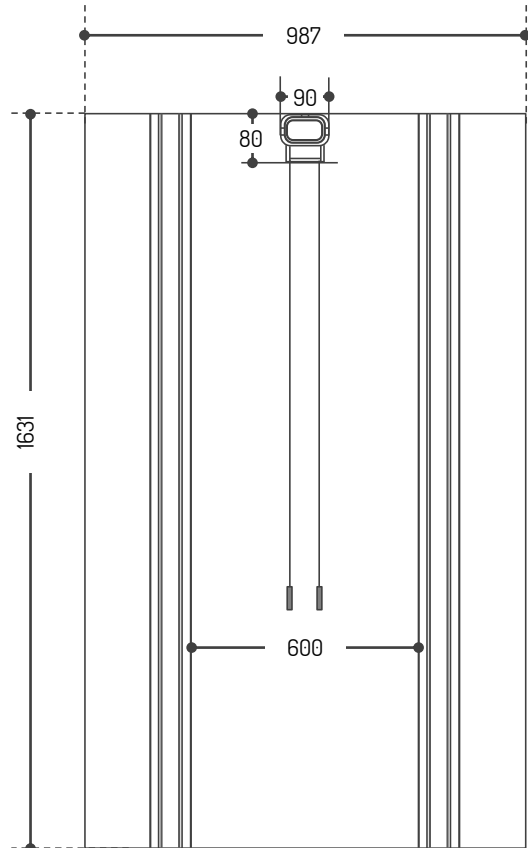
ALTERNATIVE MOUNTING OPTIONS

	BACK RAIL EDGE	BACK RAIL CENTERED
Dimensions	1631 x 987 mm	1631 x 987 mm
Weight	22.0 kg	22.0 kg
Mounting	Fast Fix Backrail: Galvanized MagnelisSteel	

BACK RAIL EDGE



BACK RAIL CENTERED



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