

Technical Datasheet	Business Performance
WPH Group Photovoltaic-Modules	



## Product Description

Due to the unique combination of components, the high-efficiency modules from WPH Group are particularly powerful. With the high efficiency, the modules offer maximum performance compared to the small overall area required. This also means: less effort and less material for installation. This increase in efficiency and the long-term high energy yields ensure efficient operation of your photovoltaic system. The quality of the modules is continuously tested and confirmed by independent institutes. WPH Group modules are sorted with a positive power classification. The performance is guaranteed for 25 years, the product guarantee is for 10 years.

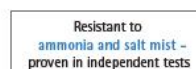


Modules are available with mono crystalline cells.

## Technical Features

Modelname	WPHGr-B290M	WPHGr-B295M	WPHGr-B300M
Cell type	60 mono crystalline solar cells		
Power output $P_{max}$ at STC [Wp]	290	295	300
Rating tolerance [Wp]	-0 / +4.99		
Short-circuit current $I_{sc}$ [A]	7.93	7.99	8.07
Open-circuit voltage [V]	36.2	36.2	36.3
Current at MPP $I_{mpp}$ [A]	7.45	7.59	7.76
Voltage at MPP $U_{mpp}$ [V]	28.4	28.4	28.2
Efficiency [%]	16.1	16.4	16.7
Permissible module temperature	-40 to +85 °C		
Temperature Coefficient ( $P_{mpp}$ )	-0.43 %/°C		
Maximum permissible system voltage	1000 V		
Connector box	IP 65 class with 3 bypass diodes and MC4 connector		
Dimensions	1660 x 990 x 50 mm		
Weight	20 kg		
Product Warranty	10 years		
Performance Warranty	25 years, linear		

Germany and Turkey – Connecting partners as a whole!



All information contained in the present datasheet is subject to confirmation at time of ordering.

WPHG-PVB02

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