

# CERTIFICATE

of conformity with the following European Directives

**Low Voltage Directive 2014/35/EU**

This certifies that below described products of the applicant:

## **PVBLINK TECHNOLOGY PRIVATE LIMITED**

546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

comply to the essential requirements of the above mentioned European Directive and the following standards, taking into account the German national deviations:

**Product(s):** Grid-connected PV inverter

**Model type(s):** PVBSM1K-M1, PVBSM2K-M1, PVBSM3K-M1,  
PVBSM3.3K-M1, PVBSM3.6K-M1, PVBSM4K-M1

This certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT GmbH. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity.

Certification program: P33-VA-01 Rev. 02 / 04.20

Certification fundamental(s): EN 62109-1:2010, EN 62109-2:2011  
IEC 62109-1:2010, IEC62109-2:2011

Registered no.: 44 799 23 406749 - 423

Report no.: 492012849.001

File no.: PVP11134/22B-05



TÜV NORD CERT GmbH  
Certification Body  
Balance of System (BOS) for Photovoltaics

Essen, 2023-12-28



TÜV NORD CERT GmbH

Am TÜV 1, D-45307 Essen

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[prodcert@tuev-nord.de](mailto:prodcert@tuev-nord.de)

Please also pay attention to the information stated overleaf.

 The CE marking may be affixed on the product if all relevant and effective Directives are complied with. 

# ANNEX

Annex 1, Page 1 of 2

to Certificate registration no. 44 799 23 406749 - 423

**Description of product(s):**

Model or Type designation	PVBSM1K-M1	PVBSM2K-M1	PVBSM3K-M1
PV input			
V <sub>MAX</sub> PV [Vd.c.]	600		
MPP Voltage Range [Vd.c.]	80-580		
Max. PV Input Current [Ad.c.]	18		
Short-circuit current [Ad.c.]	22		
AC output (Grid Side)			
Rated Output Voltage [Va.c.]	230, L/N/PE		
Rated Output Frequency [Hz]	50		
Rated Output Power [kW]	1.0	2.0	3.0
Max. Output Power [kVA]	1.0	2.0	3.0
Max. Output Current [Aa.c.]	4.3	8.7	13.0
Power Factor cosφ [λ]	>0.99, (-0.8 to +0.8 adjustable)		
System			
Type of inverter	Non-isolated		
Protective Class	Class I		
Enclosure Protection (IP)	IP66		
Operating Temperature Range [°C]	-25 to 60		
Overvoltage Category (OVC)	PV II, AC III		
Software version	PVBSM1.00		



# ANNEX

Annex 1, Page 2 of 2

to Certificate registration no. 44 799 23 406749 - 423

Model or Type designation	PVBSM3.3K-M1	PVBSM3.6K-M1	PVBSM4K-M1
PV input			
V <sub>MAX</sub> PV [Vd.c.]	600		
MPP Voltage Range [Vd.c.]	80-580		
Max. PV Input Current [Ad.c.]	18		
Short-circuit current [Ad.c.]	22		
AC output (Grid Side)			
Rated Output Voltage [Va.c.]	230, L/N/PE		
Rated Output Frequency [Hz]	50		
Rated Output Power [kW]	3.3	3.6	4.0
Max. Output Power [kVA]	3.3	3.6	4.0
Max. Output Current [Aa.c.]	14.3	15.7	17.4
Power Factor cosφ [λ]	>0.99, (-0.8 to +0.8 adjustable)		
System			
Type of inverter	Non-isolated		
Protective Class	Class I		
Enclosure Protection (IP)	IP66		
Operating Temperature Range [°C]	-25 to 60		
Oversvoltage Category (OVC)	PV II, AC III		
Software	PVBSM1.00		

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.



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