

# 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):** PVBT5KPro-M1, PVBT6KPro-M1, PVBT8K-M1, PVBT10K-M1,  
PVBT12K-M1, PVBT15K-M1, PVBT18K-M1, PVBT20K-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; IEC 62109-2:2011  
Registered no.: 44 799 23 406749 - 298  
Report no.: 492012569.001  
File no.: PVP11134/22B-17

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

Essen, 2023-09-21

TÜV NORD CERT GmbH Am TÜV 1, D-45307 Essen [www.tuev-nord-cert.de](http://www.tuev-nord-cert.de) [prodcert@tuev-nord.de](mailto:prodcert@tuev-nord.de)

Please also pay attention to the information stated overleaf.

# ANNEX

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**to Certificate registration no. 44 799 23 406749 - 298**

**Description of product(s):**

Rating \ Model	PVBT5KPro-M1	PVBT6KPro-M1	PVBT8K-M1
PV input parameter:			
V <sub>MAX</sub> PV [V d.c.]	1100		
MPP Voltage Range [V d.c.] .....	100 ~ 1080		
Max. Input Current [A d.c.] .....	18/18/18		
Isc [A d.c.] .....	22/22/22		
AC output parameter:			
Max. Apparent Power [kVA] .....	5.0	6.0	8.0
Max. Current [A a.c.] .....	7.25	8.7	11.6
Rated voltage [V a.c.] .....	(3P/N/PE) 230/400		
Rated Frequency [Hz] .....	50		
Power Factor cosφ [λ] .....	- 0.8 to +0.8		
System:			
Inverter topology .....	Non - isolated		
Safety class .....	Class I		
Ingress protection .....	IP66		
Hardware .....	ET1.00		
Software .....	ET1.00		



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Rating \ Model	PVBT10K-M1	PVBT12K-M1	PVBT15K-M1
PV input parameter:			
V <sub>MAX</sub> PV [V d.c.]	1100		
MPP Voltage Range [V d.c.]	100 ~ 1080		
Max. Input Current [A d.c.]	18/18/36		
Isc [A d.c.]	22/22/44		
AC output parameter:			
Max. Apparent Power [kVA]	10.0	12.0	15.0
Max. Current [A a.c.]	14.5	17.4	21.7
Rated voltage [V a.c.]	(3P/N/PE) 230/400		
Rated Frequency [Hz]	50		
Power Factor cosφ [λ]	- 0.8 to +0.8		
System:			
Inverter topology	Non - isolated		
Safety class	Class I		
Ingress protection	IP66		
Hardware	ET1.00		
Software	ET1.00		



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Rating \ Model	PVBT18K-M1	PVBT20K-M1
PV input parameter:		
V <sub>MAX</sub> PV [V d.c.]	1100	
MPP Voltage Range [V d.c.]..... :	100 ~ 1080	
Max. Input Current [A d.c.]..... :	18/18/36	
Isc [A d.c.] .....	22/22/44	
AC output parameter:		
Max. Apparent Power [kVA]..... :	18.0	20.0
Max. Current [A a.c.]..... :	26.1	29.0
Rated voltage [V a.c.]..... :	(3P/N/PE) 230/400	
Rated Frequency [Hz]..... :	50	
Power Factor cosφ [λ]..... :	- 0.8 to +0.8	
System:		
Inverter topology .....	Non - isolated	
Safety class..... :	Class I	
Ingress protection..... :	IP66	
Hardware .....	ET1.00	
Software .....	ET1.00	



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Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 3 of test report.

A handwritten signature in blue ink, appearing to read "J. Kumpfle", is positioned above the company name.

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