

# Certificate of Conformity

Registered No.:

**COCPPV11134/22B-12**

File reference  
PVP11134/22B-15

Test report No.  
TRPVP11134/22B/15

Date of issue  
2023-07-26

On the basis of the tests undertaken, the samples of the below product(s) have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out:

**Applicant:** **PVBLINK TECHNOLOGY PRIVATE LIMITED**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Manufacturer:** **PVBLINK TECHNOLOGY PRIVATE LIMITED**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Factory:** **PVBLINK TECHNOLOGY PRIVATE LIMITED**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Product:** Grid-connected PV Inverter

**Type designation:** PVBT5KPro-M1, PVBT6KPro-M1, PVBT8K-M1, PVBT10K-M1,  
PVBT12K-M1, PVBT15K-M1, PVBT18K-M1, PVBT20K-M1

**Certification fundamental(s):** BOS-P-01 Rev. 00

**Standard(s):** IEC 60068-2-1: 2007, IEC 60068-2-2: 2007  
IEC 60068-2-14: 2009, IEC 60068-2-30: 2005  
See test report for detailed information.

This document is based on the evaluation of the samples of the above mentioned product(s). It does not imply an assessment of the mass-production of the product(s), and it does not permit the use of a TÜV NORD mark. The holder of this document may use it in connection with the related test report(s).



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# Certificate of Conformity

Registered No.:

**COCPVP11134/22B-13**

File reference  
PVP11134/22B-16

Test report No.  
TRPVP11134/22B/16

Date of issue  
2023-07-26

On the basis of the tests undertaken, the samples of the below product(s) have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out:

**Applicant:** **PVBLINK TECHNOLOGY PRIVATE LIMITED**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Manufacturer:** **PVBLINK TECHNOLOGY PRIVATE LIMITED**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Factory :** **PVBLINK TECHNOLOGY PRIVATE LIMITED**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Product:** Grid-connected PV Inverter

**Type designation:** PVBT5KPro-M1, PVBT6KPro-M1, PVBT8K-M1, PVBT10K-M1,  
PVBT12K-M1, PVBT15K-M1, PVBT18K-M1, PVBT20K-M1

**Certification fundamental(s):** BOS-P-01 Rev. 00

**Standard(s):** IEC 61727: 2004, IEC 62116: 2014  
See test report for detailed information.

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# Certificate of Conformity

Registered No.:

**COCPVP11134/22B-10**

File reference  
PVP11134/22B-13

Test report No.  
TRPVP11134/22B/13

Date of issue  
2023-07-26

On the basis of the tests undertaken, the samples of the below product(s) have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out:

**Applicant:** **PVBLINK TECHNOLOGY PRIVATE LIMITED**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Manufacturer:** **PVBLINK TECHNOLOGY PRIVATE LIMITED**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Factory:** **PVBLINK TECHNOLOGY PRIVATE LIMITED**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Product:** Grid-connected PV Inverter

**Type designation:** PVBT5KPro-M1, PVBT6KPro-M1, PVBT8K-M1, PVBT10K-M1,  
PVBT12K-M1, PVBT15K-M1, PVBT18K-M1, PVBT20K-M1

**Certification program:** BOS-P-01 Rev. 00

**Certification fundamental(s):** IEC 61683:1999

See test report for detailed information.

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# Certificate of Conformity

Registered No.:

**COC PVP11134/22B-14**

File reference  
PVP11134/22B-18

Test report No.  
TRPVP11134/22B/18

Date of issue  
2023-08-29

On the basis of the tests undertaken, the samples of the below product(s) have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out:

**Applicant:** **PVblink Technology Private Limited.**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Manufacturer:** **PVblink Technology Private Limited.**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Factory :** **PVblink Technology Private Limited.**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Product:** Grid-connected PV inverter

**Type designation:** PVBT5KPro-M1, PVBT6KPro-M1, PVBT8K-M1, PVBT10K-M1,  
PVBT12K-M1, PVBT15K-M1, PVBT18K-M1, PVBT20K-M1

**Certification fundamental(s):** BOS-P-01 Rev. 00

**Standard(s):** EN IEC 61000-3-2:2019+A1:2020  
EN 61000-3-3:2013+A1:2019  
EN IEC 61000-3-11:2019, EN 61000-3-12:2011  
See test report for detailed information.

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# Certificate of Conformity

Registered No.:

**COCPPV11134/22B-11**

File reference  
PVP11134/22B-14

Test report No.  
TRPVP11134/22B/14

Date of issue  
2023-07-26

On the basis of the tests undertaken, the samples of the below product(s) have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out:

**Applicant:** **PVBLINK TECHNOLOGY PRIVATE LIMITED**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Manufacturer:** **PVBLINK TECHNOLOGY PRIVATE LIMITED**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Factory:** **PVBLINK TECHNOLOGY PRIVATE LIMITED**  
546/2, Opp. IBP Petrol Pump, B/h Shantam Pharmaceuticals,  
Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Product:** Grid-connected PV Inverter

**Type designation:** PVBT5KPro-M1, PVBT6KPro-M1, PVBT8K-M1, PVBT10K-M1,  
PVBT12K-M1, PVBT15K-M1, PVBT18K-M1, PVBT20K-M1

**Certification program:** BOS-P-01 Rev. 00

**Certification fundamental(s):** EN 50530:2010+A1:2013

See test report for detailed information.

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# 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

Annex 1, Page 1 of 4

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		



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

Essen, 2023-09-21

# ANNEX

Annex 1, Page 2 of 4

to Certificate registration no. 44 799 23 406749 - 298

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		



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

Essen, 2023-09-21



# ANNEX

Annex 1, Page 3 of 4

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

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	



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

Essen, 2023-09-21

# ANNEX

Annex 1, Page 4 of 4

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

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.

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

Essen, 2023-09-21

# Certificate of Conformity

Registered No.:

**COC PVP11134/22B-14**

File reference  
PVP11134/22B-18

Test report No.  
TRPVP11134/22B/18

Date of issue  
2023-08-29

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**Factory :** **PVblink Technology Private Limited.**  
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Rakanpur - 382722, Taluka: Kalol, Distt: Gandhinagar, Gujarat, India.

**Product:** Grid-connected PV inverter

**Type designation:** PVBT5KPro-M1, PVBT6KPro-M1, PVBT8K-M1, PVBT10K-M1,  
PVBT12K-M1, PVBT15K-M1, PVBT18K-M1, PVBT20K-M1

**Certification fundamental(s):** BOS-P-01 Rev. 00

**Standard(s):** EN IEC 61000-3-2:2019+A1:2020  
EN 61000-3-3:2013+A1:2019  
EN IEC 61000-3-11:2019, EN 61000-3-12:2011  
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