

CERTIFICATE

of conformity with the following European Directives

Low Voltage Directive 2014/35/EU

This certifies that below described products of the applicant:

V-TAC EXPORTS LIMITED

ROOM NO.301, KAM ON BUILDING 176A QUEENS ROAD
CENTRAL, CENTRAL, HONGKONG, R.P. China

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

Product(s): HYBRID SOLAR INVERTER

Model type(s): VT-66036103, VT-6606103

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: P31-VA-01 Rev. 02 / 04.20
Certification fundamental(s): EN 62109-1:2010; EN 62109-2:2011;
Registered no.: 44 799 22 406749 - 102
Report no.: 492012129.001
File no.: PVP07059/22B-01



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2022-08-15



TÜV NORD CERT GmbH

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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

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to Certificate registration no. 44 799 22 406749 - 102

Description of product(s):

Model type	VT-66036103		
General information			
Safety class	Class II	Type of Isolation.....	Non Isolated
IP grade	IP65	Altitude	2000m
Type of Isolation	Non Isolated	Operating temperature.....	-25-+60 °C (> 45 derating)
Firmware [DSP / MCU]	V1.01.01	LCD [version]	V1.00.01
Number of DC connection:	2 PV&1 Battery		
DC input(PV)			
Max. input voltage.....	500Vd.c.	Isc	17.5*2 A d.c.
MPP Voltage Range	125-500Vd.c.	MPP Full Power Voltage Range:	150-500V d.c.
Max. Input Current	14A d.c.	MPPT tracking	2
Max. input Power	4.6kW	-	-
Battery parameter			
Battery Rated Voltage	48V d.c	Battery Voltage Range	40-58V d.c.
Max. Charging Current	95 A d.c	Max. Discharging Current	76.6 A d.c
Max. Charging Power	5kW	Max. Discharging Power	3.6kW
AC output (On-grid)			



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Max. Output Apparent Power :	3.6kVA	Max. Output Current	16A a.c.
Rated voltage..... :	230V a.c.	Rated Frequency	50/60Hz
Power Factor cosφ [λ]..... :	[-1,1]	-	-
AC output (Back-up)			
Max. Output Apparent Power :	3.6kVA	Max. Output Current	16A a.c.
Rated voltage..... :	230V a.c.	Rated Frequency	50/60Hz

Model type	VT-6606103		
General information			
Safety class	Class I	Relative humidity..... :	0-95%
IP grade	IP65	Altitude	2000m
Type of Isolation	Non Isolated	Operating temperature..... :	-25-+60 °C (> 45 derating)
Firmware [DSP / MCU]	V1.01.01	LCD [version]	V1.00.01
Number of DC connection:	2 PV&1 Battery		
DC input(PV)			
Max. input voltage..... :	500Vd.c.	Isc	17.5*2 A d.c.
MPP Voltage Range	125-500V d.c.	MPP Full Power Voltage Range:	220-500V d.c.
Max. Input Current	14A d.c.	MPPT tracking	2



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Max. input Power	7kW	-	-
Battery parameter			
Battery Rated Voltage	48V d.c	Cut off Voltage	40 V d.c.
Max. Charging Voltage	58V d.c	Max. Charging Current	95 A d.c
Max. Discharging Current	110 A d.c	Max. Charging Power	5kW
Max. Discharging Power	5kW		
AC output (On-grid)			
Max. Output Apparent Power	6kVA	Max. Output Current	26A a.c.
Rated voltage.....	230V a.c.	Rated Frequency	50/60Hz
Power Factor cosφ [λ].....	[-0.99,0.99]	-	-
AC output (Back-up)			
Max. Output Apparent Power	6kVA	Max. Output Current	26A a.c.
Rated voltage.....	230V a.c.	Rated Frequency	50/60Hz

Remark:

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

