



Product Service

Compliance Document

No. D 093811 0053 Rev. 00

Holder of Certificate: **INVT Solar Technology
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Product: **Converter
(Hybrid Solar Inverter)**

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290223005001

Date, 2022-01-27

(Billy Qiu)

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Model(s): **BD3KTL-RL1, BD3K6TL-RL1, BD4KTL-RL1, BD4K6TL-RL1, BD5KTL-RL1 BD6KTL-RL1**

Parameters:

Model	BD3KTL-RL1	BD3K6TL-RL1	BD4KTL-RL1	BD4K6TL-RL1	BD5KTL-RL1	BD6KTL-RL1
DC Input						
Max. Input Power	4600W		6000W		7000W	
Max. PV Voltage	550Vd.c.					
MPPT voltage range	125V-500Vd.c.					
Nominal Voltage	360Vd.c.					
Max. Input Current	2*14Ad.c.					
Isc PV	2*17.5Ad.c.					
MPPT tracker number	2					
AC Output						
Rated Power VA/W	3000VA/ 3000W	3600VA/ 3600W	4000VA/ 4000W	4600VA/ 4600W	4600VA/ 4600W	4600VA/ 4600W
Max. Output Current	13Aa.c.	16Aa.c.	17.4Aa.c.	20Aa.c.	20Aa.c.	20Aa.c.
Nominal Voltage	230Va.c.					
Frequency	50Hz					
PF range	0.9lagging-0.9leading					
Battery						
Battery Voltage Range	40~58Vd.c.					
Max. Charging Voltage	58Vd.c.					
Charge/Discharge Current	95A/ 62.2Ad.c.	95A/ 75Ad.c.	95A/ 83.3Ad.c.	95A/ 95.8Ad.c.	95A/ 104.2Ad.c.	95A/ 110Ad.c.
Battery Type	lithium /Lead-acid					

Tested according to:

NRS 097-2-1:2017 Edition 2.1