

Certificate of conformity Power generation unit		Nr: 64 290 13 02953 01
Manufacturer	Shenzhen INVT Electric Co.,Ltd	
Type of NS Protection	Integrated NS protection	
Type power generation unit	BG4KTR-US, BG5KTR-US, BG6KTR-US BG7KTR-US, BG9KTR-US, BG10KTR-US BG12KTR-US, BG15KTR-US, BG17KTR-US	
Network connection rule	VDE-AR-N 4105 Power generation system connected to the low voltage grid Technical minimum requirements for connection and parallel operation of power generation systems to connected to the low-voltage grid	
<p>The network and systems protection mentioned above meets the requirements of VDE-AR-N 4105</p> <p>Setting Values and trip times (disconnection times): Voltage drop protection U<: 184V, < 200ms Rise-in voltage protection U>: 253V, < 200ms Rise-in voltage protection U>>: 264V, < 200ms Frequency decrease protection f<: 47.5 Hz, < 200ms Frequency increase protection f>: 51.5 Hz, < 200ms</p> <p>10-minute running mean value according to DIN EN 50160 Islanding detection is carried out by means of a frequency shift method It is hereby confirmed that –except the above mentioned items –the specific requirements of DIN V VDE V 0126-1-1:2006-02 +A1:2011-06 have been tested.</p> <p>VDE-AR-N 4105 compliance is guaranteed in all inverters with firmware INVT_V1.67 or higher</p> <p>Shenzhen, 27.04.2017</p> <p style="text-align: right;">Shenzhen INVT Electric Co.,Ltd</p> <p style="text-align: right;">Head of R&D Department</p> <p style="text-align: right;">This certificate of conformity shall not be used in parts.</p>		

For and on behalf of
 INVT Solar Technology (Shenzhen) Co., Ltd
 Authorized Signature