

Declaration regarding the use of Vigdu P100 series

ABB/Power-One Italy S.p.A declares that the transformer-less string inverters listed below in TABLE A are compatible for the use in combination with the Vigdu systems: P101/102/103/104/105/106 produced by Vigdu Technologies Ltd to prevent/reduce the effects of the PID (Potential induced degradation) in the photovoltaic panels.

TABLE A

Type	Model	Nominal AC Power [kW]	Max permitted voltage setting, between PV generator's poles and ground [VDC]
Single-phase TL inverter	UNO-2.0-TL-OUTD-(¹)	2	600
	UNO-3.0-TL-OUTD-(¹)	3	600
	UNO-3.6-TL-OUTD-(¹)	3.6	850
	UNO-4.2-TL-OUTD-(¹)	4.2	850
	PVI-3.0-OUTD-(¹)	3	600
	PVI-3.0-TL-OUTD-(¹)	3	600
	PVI-3.6-OUTD-(¹)	3.6	600
	PVI-3.6-TL-OUTD-(¹)	3.6	600
	PVI-4.2-OUTD-(¹)	4.2	600
	PVI-4.2-TL-OUTD-(¹)	4.2	600
	PVI- 5000-TL-OUTD-(¹)	5	600
PVI-6000-TL-OUTD-(¹)	6	600	
Tri-phase TL Inverter	TRIO-5.8-TL-OUT-(¹)	5.8	1000
	TRIO-7.5-TL-OUT-(¹)	7.5	1000
	TRIO-8.5-TL-OUT-(¹)	8.5	1000
	PVI-6.0-OUTD-(¹)	6	900
	PVI-8.0-OUTD-(¹)	8	900
	PVI-10.0-OUTD-(¹)	10	900
	PVI-12.5-OUTD-(¹)	12.5	900
	PVI-6.0-TL-OUTD-(¹)	6	900
	PVI-8.0-TL-OUTD-(¹)	8	900
	PVI-10.0-TL-OUTD-(¹)	10	900
	PVI-12.5-TL-OUTD-(¹)	12.5	900
	TRIO-20.0-TL-OUTD-(¹)	20	1000
	TRIO-27.6-TL-OUTD-(¹)	27.6	1000
	PRO-33.0-TL-OUTD-(¹)	33.0	1100
TRIO-50 (¹)	50.0	1000	

(1) Every possible model variant

ABB/Power-One Italy S.p.A further declares that by following the Installation and Operation instructions of the inverter and of the Vigdu system, the combined operation of the 2 devices:

- Will not adversely affect the inverter operation
- Will not affect the inverter standard warranty

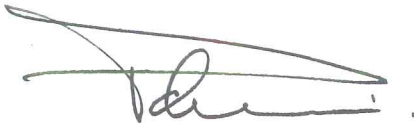
IMPORTANT NOTES:

- ABB/Power One Italy declines any responsibility for any direct or indirect damage to the installed equipments (inverters included) that may be caused by a failure or malfunction of the Vigdu system.
- If the inverters are programmed to remain connected to grid during the night (using special settings) it must be taken in account that each Vigdu system may generate a leakage current to ground which may flow through external RCDs placed in the AC lines of the inverters.

ABB/Power One Italy S.p.A. further declines any responsibility in regards to the effectiveness of the Vigdu system with respect to PID effect mitigation. This shall remain under the sole responsibility of the panels manufacturer and Vigdu Technologies Ltd

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October 25th, 2016



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