

**DECLARATION FOR GERMANY – INVERTERS PVS-20/30/33
(Grid-codes available for standard VDE-AR-N 4105:2018-11)**

Fimer Spa declares that inverters listed below in TABLE 1 have available two different grid-codes which can be selected in the User-Interface during inverter commissioning to meet requirements of the Standard VDE-AR-N 4105:2018-11:

- 1) VDE 4105:2018
- 2) VDE 4105:2018 PNOM

TABLE 1

Inverter type	Model	Firmware (update version) not less than
Transformerless three phase (4 MPPTs)	PVS-20-TL-SXD ⁽¹⁾ PVS-30-TL ⁽¹⁾ PVS-33-TL ⁽¹⁾	2146A
Transformerless three phase (2 MPPTs)	PVS-20-TL-SX ⁽¹⁾ PVS-20-TL-SY ⁽¹⁾	2146B

Note⁽¹⁾: Every possible model variant.

Selecting the two grid-codes, inverters will change output power characteristics as stated below in TABLE 2:

TABLE 2

Inverter type	Model	Grid-code selection (see manual).	Maximum AC output power (Pacmax@cos φ =1)	Maximum apparent power (Smax)
Transformerless three phase	PVS-20-TL	VDE 4105:2018	22000 W	22000 VA
		VDE 4105:2018 PNOM	20000 W	20000 VA
	PVS-30-TL	VDE 4105:2018	33000 W	33000 VA
		VDE 4105:2018 PNOM	30000 W	30000 VA
	PVS-33-TL	VDE 4105:2018	36300 W	36300 VA
		VDE 4105:2018 PNOM	33000 W	33000 VA

Terranuova Bracciolini (AR) – Italy, January 20th, 2022



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