



Transelectrica®
Societate Administrată în Sistem DualBet

ANNEX 1

List of inverters that comply with the provisions of ANRE Order 30/17.05.2013 “*Technical conditions for connection to electricity networks of public interest for photovoltaic power parks*”, with later amendments and additions

Technical documentations of several inverter types were sent to CNTEE Transelectrica SA during commissioning of photovoltaic power parks. The following list contains the inverters which check-up was required for and comply with the requirements from ANRE Order 30/17.05.2013. This list is updated as other types of inverters are sent for verification and the transmitted documentation proves they comply with the requirements of ANRE Order 30/17.05.2013.

Beginning with 17 May 2019 all inverters will be verified in accordance with the requirements of ANRE Order 208/14.12.2018 approving the “*Technical Norm with respect to the technical conditions for connection to electricity networks of public interest for generating modules, power parks consisting of generating modules and power parks consisting of offshore generating modules*”, technical norm elaborated in accordance with the provisions of the European Regulation 631/2016 establishing a network code for grid connection of generating installations.

Thus any new installation generating electricity using an inverter from the list below should undergo check-up again, as the list is no longer valid.



MANUFACTURING CO.	INVERTER TYPE
ABB	PVS630
	PVS800
	ABB_PRO-33.0-TL_13
	ABB_PRO-33.0-TL OUTD
	TRIO 27.6 kW TL-equipped S2X
	TRIO-X-OUTD-Y-400 20.0
	TRIO-X-OUTD-Y-400 27.6 TL
AEG	PV500
	PV 630
	PV 800
	PV 880
Ansaldo NIDAC	SVGT521KEPNNM10
Astrid	Copernico TL 250kW
Bongfilioli	PVI-200.0-TL;
	PVI-267.0-TL,
	RPS 450-170 TL
Chint Power	CPS SCA 500KTL-H
	CPS SC 500KTL-H
Danfoss	TLX 8
	TLX 10
	TLX 12.5
	TLX 15
	TLX PRO

MANUFACTURING CO.	INVERTER TYPE
Delta	SOLIVIA 15
	20 EUG4TL
	30 EUT4TL
	Solivia 30 TL
Efacec	PV500
Emerson	SPV 600
	SPV 300
	SPV 900
	SPV 1200
	SPV 1500
	SPV 1800
	SPV 2100
	SPV 2400
	SPV 2700
Fimer	R1500TL
	R200TL
	R2500TL
	R500TL
Fronius	PVI-334.0-TL
	PVI-400.0-TL
	Fronius Symo 10.0-3-M
	Fronius Symo 12.5-3-M
	Fronius Symo 15.0-3-M
	Fronius Eco 27.0
	Primo 3.0-1
	Fronius Symo 17.5-3-M
	Fronius Symo 20.0-3-M
	Fronius Agilo 100.0-3
Gefran	APV330k
	APV-25k-XXX-TL-4
GP Tech - Green Power Tech	PV625S1
	PV630S2
	PV500S2
	PV800S2
Huawei	SUN 2000 -8KTL
	SUN 2000 -12KTL
	SUN 2000 -20KTL
	SUN 2000 -28KTL
Ingeteam	Ingecom Sun 140 TL B220

MANUFACTURING CO.	INVERTER TYPE
Kako	XP500
	Powador 60.0 TL3
	Powador 72.0 TL3
Lti	PVM2-50-305EM
	PVM2-45-270EM
Power electronics	FS0100CH10AN2NR00
Power one	PVI-134.0-TL
	TRIO-20.0-TL-OUTD-400
	TRIO-27.6-TL-OUTD-400
	PVI-55.0-TL 55000
	PVI-134.0-TL 134000
	PVI-110.0
	PVI-200.0
	PVI-165.0
	PVI-267.0
	PVI-220.0 TL
	PVI-334.0
	PVI-275.0
	PVI-400.0
	PVI-330.0-TL
	PRO 33.0-TL-OUTD-S/SX-400
	PVI-200.0-TL
	PVI-334.0-TL
	PVI-400.0-TL
	Ultra 700.0/1050.0/1400.0 - TL
PVI-267.0-TL	
Recon Friem	RECon 30L H H1-100
REFUsol	20k 802
	330k
	333k
	TL 20
	TL23
	TL40
	TL46
Santerno	P365 to P380
	TG760
	TG 750
Satcon	Powergate plus 500
Schneider	Conext TL, 8, 10, 15, 20 kW
	XC540/630/640/680
Sepssa	SEPSA Solar 125 mod-ID, 250,375,500,625,750

MANUFACTURING CO.	INVERTER TYPE
Siel	SPX
	SOLEIL DSPX 110 TLH 280
SMA	STP20000TL-30
	STP25000TL-30
	SC CP500
	SC CP800 CP
	SC CP760
	SC CP720
	SC CP630
	STP 60TL-10
	FLX 15
	FLX 17
	SC17000 TL
	Sunny Central 900 CP XT
	Socomec
SUNSYS-P66TL+1K	
SUNSYS-P66TL/TR	
SUNSYS-P33TR	
SUN MO 66KET1KRP	
SUN MO 100 ET 1KRP	
SUN-PR14KTL65RP	
SUN-PR18KTL65RP	
SUN-PR24KTL65RP	
SUN-PR36KTL65RP	
SUN-PR24KTL65M	
SUNSYS-P630KW	
Sunsys MO100ET20 RP	
Sunsys MO66KET20 RP	
Solar MAX	330/360TS-SV
Solaredge	SE17K
Solargate	PVPP3M580NL
Solo 500	SOLO 500
Sungrow	SG20kTL
	SG30KTL KTL-M
	SG500MX
Sunways	PT 30 and PT 33 NT 11.10
	PT 30 and PT 33 NT 12
	NT 11000
	TG750 1000 V TE 360 STD
	TG485 800 V TE 270 STD
Vacon	RS-I20-0460-3