

**RULES FOR ELECTRIC METER
& SERVICE INSTALLATIONS**



Solar Inverters

The following lists the manufacturers and model numbers that have been submitted on previous projects, reviewed by PPL EU, and accepted for use. If other manufacturers or models are proposed for use, please submit all pertinent technical information to PPL Electric Utilities - Distribution Standards for review.

Manufacturer's model number designation is subject to change by the manufacturer at their discretion.

This list will be updated as additional models / manufacturers equipment are reviewed. However, the review will be done on an as-need basis only or by specific request. [PPL Electric Utilities - Grid-Tied Solar Inverter Requirements](#)

Single Phase Inverters

Manufacturer	Model	Output Voltage	Output Power
ABB	UNO-7.6-TL- OUTD-S-US-A	208/240/277V (Nominal) 183-228V (Range)	7.6kW
	UNO-8.6-TL- OUTD-S-US-A	240/277V (Nominal) 183-228V (Range)	8.6kW
Fronius	IG Plus Advanced 3.0-1	208/240/277V	3kW
	IG Plus Advanced 3.8-1	208/240/277V	3.8kW
	IG Plus Advanced 5.0-1	208/240/277V	5kW
	IG Plus Advanced 6.0-1	208/240/277V	6kW
	IG Plus Advanced 7.5-1	208/240/277V	7.5kW

	IG Plus Advanced 10.0- 1	208/240/277V	9.995kW
	IG Plus Advanced 11.4- 1	208/240/277V	11.4kW
	Galvo 1.5-1	208/240V	1.5kW
	Galvo 2.0-1	208/240V	2.0kW
	Galvo 2.5-1	208/240V	2.5kW
	Galvo 3.1-1	208/240V	3.1kW
	Primo 3.8-1	208/240V	3.8kW
	Primo 5.0-1	208/240V	5.0kW
	Primo 6.0-1	208/240V	6.0kW
	Primo 7.6-1	208/240V	7.6kW
	Primo 8.2-1	208/240V	8.2kW (240V) 7.9kW (208V)

Three Phase Inverters

Manufacturer	Model	Output Voltage	Output Power
ABB	PVS800-57- 0100kW-A	300V	100kW
	PVS800-57- 0250kW-A	300V	250kW
	PVS800-57- 0315kW-B	350V	315kW
	PVS800-57- 0500kW-A	300V	500kW
	PVS800-57- 0630kW-B	350V	630kW
	PVS800-57- 0875kW-B	350V	875kW
	PVS800-57- 1000kW-C	400V	1000kW
	ULTRA-1100- TL-OUTD-1-	690V(Nominal) 607-759V	1170kW

	US-690	(Range)	
	ULTRA-1100- TL-OUTD-2- US-690	690V(Nominal) 607-759V (Range)	1000kW
	ULTRA-1100- TL-OUTD-3- US-690	690V(Nominal) 607-759V (Range)	1170kW
	ULTRA-1100- TL-OUTD-4- US-690	690V(Nominal) 607-759V (Range)	1000kW
	ULTRA-1500- TL-OUTD-1- US-690	690V(Nominal) 607-759V (Range)	1560kW
	ULTRA-1500- TL-OUTD-2- US-690	690V(Nominal) 607-759V (Range)	1500kW
	ULTRA-1500- TL-OUTD-3- US-690	690V(Nominal) 607-759V (Range)	1560kW
	ULTRA-1500- TL-OUTD-4- US-690	690V(Nominal) 607-759V (Range)	1500kW
	PVI-10.0-I- OUTD-US	208V (Nominal) 183-228V (Range)	10kW
	PVI-10.0-I- OUTD-US	480V (Nominal) 422-528V (Range)	10kW
	PVI-12.0-I- OUTD-US	480V (Nominal) 422-528V (Range)	12kW
	TRIO-20.0-TL- OUTD	480V (Nominal) 422-528V (Range)	20kW

Fronius	TRIO-27.6-TL-OUTD	480V (Nominal) 422-528V (Range)	27.6kW
	IG Plus Advanced 10.0-3	208/240V	9.995kW
	IG Plus Advanced 11.4-3	208/240V	11.4kW
	IG Plus Advanced 12.0-3	480/277V WYE	12.0kW
	Symo 10.0-3 208/240	208/240V	9.995kW
	Symo 12.0-3 208/240	208/240V	11.995kW
	Symo 10.0-3 480	480V	9.995kW
	Symo 12.5-3 480	480V	12.495kW
	Symo 15.0-3 480	480V	14.995kW
	Symo 17.5-3 480	480V	17.495kW
	Symo 20.0-3 480	480V	19.995kW
	Symo 22.7-3 480	480V	22.727kW
	Symo 24.0-3 480	480V	23.995kW
SMA	Sunny Tripower 12000TL-US	480/277 V WYE (Nominal) 244V-305V (Range)	12.25kW

Sunny Tripower 15000TL-US	480/277 V WYE (Nominal) 244V-305V (Range)	15.3kW
Sunny Tripower 20000TL-US	480/277 V WYE (Nominal) 244V-305V (Range)	20.4kW
Sunny Tripower 24000TL-US	480/277 V WYE (Nominal) 244V-305V (Range)	24.5kW
Sunny Tripower 60-US	400 V/480 V (Nominal) 352-440V @ 400V 423-528V @ 480V (Range)	60kW
Sunny Central 500CP-US	270V (Nominal) 243-297V (Range)	500kW
Sunny Central 630CP-US	315V (Nominal) 284-347V (Range)	630kW
Sunny Central 720CP-US	324V (Nominal) 292-356V (Range)	720kW
Sunny Central 750CP-US	342V (Nominal) 308-376V (Range)	750kW
Sunny Central 800CP-US	360V (Nominal) 324-396 (Range)	800kW
Sunny Central	386V (Nominal)	850kW

Sungrow	850CP-US	347-425 (Range)	
	Sunny Central	405V (Nominal)	900kW
	900CP-US	364-446 (Range)	
	Sunny Central	385V (Nominal)	1850kW
	1850-US	308-462V (Range)	
	Sunny Central	385V (Nominal)	2200kW
	2200-US	347-424V (Range)	
	SG30KU	277/480V	30kW
	SG36KU	277/480V	36kW
	SG56KU	277/480V	56kW
SG60KU	220/380V or 230/400V	60kW	

Complete information on the equipment, connection of facilities, and installation of equipment must be submitted for review for each project.

(C) Indicates Change

09/2015