

OVERVIEW of Certifications

Date: 10.11.2011

Country	Germany		Belgium		Bulgaria	Cyprus (GR-1)	Czech Republic	France	Great Britain	Greece	Italy	Netherlands	Poland	Portugal	Romania	Slovenia	Slowakei	Spain	Austria	Schweiz	Turkey
	NSR	MSR																			
Standard for grid connection	VDE0126-1-1 (2006-02)	VDE-AR-N 4105 FGW TR 3, Rev. 21 FGW TR 8, Rev. 4	C10/C11 (2006 -06)	VDE0126-1-1 (2006-02)	VDE0126-1-1 (2006-02)	VDE0126-1-1 (2006-02), EN 50438	VDE0126-1-1 (2006-02)	G83/1-1 (2008-06)	G59/2	VDE0126-1-1 (2006-02)	DK 5940	C10/C11 (2009 -05) EN 50438 (2007)	EN 50438 (2007)	EN 50438 (2007)	VDE0126-1-1 (2006-02)	VDE0126-1-1 (2006-02)	VDE0126-1-1 (2006-02)	RD 1663/2000 (2000)	ÖVE/ÖNORM EN50438:2009	Customer	VDE0126-1-1 (2006-02)
Safety standards	EN 50178:1997 DIN EN 50178:1998	IEC 62103 2003-07	IEC 62109-1 2010 vers. 01	UL 1741:1999 R11.05 CSA C22.2.107.1-01 (R2006)																	
<b>Galvanically isolated string inverters</b>																					
<b>Powador 2002-6002</b>																					
Powador 2002	✓	✓	-	-	✓	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	Rb	✓	●	✓	●	✓
Powador 3002	✓	✓	-	-	✓	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	Rb	✓	●	✓	●	✓
Powador 4202	✓	✓	-	-	✓	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	Rb	✓	●	✓	●	✓
Powador 5002	✓	✓	-	-	✓	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	Rb	✓	●	✓	●	✓
Powador 6002	✓	✓	-	-	✓	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	Rb	✓	●	✓	●	✓
blueplanet 1502xi	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
blueplanet 1502x	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
blueplanet 2502xi	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
blueplanet 2502x	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
blueplanet 3502xi	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
blueplanet 5002xi	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Transformerless string inverters</b>																					
<b>Powador 3200-6600</b>																					
Powador 3000 special edition	✓	✓	-	-	-	-	-	-	Rb	-	✓	-	-	-	-	-	-	-	-	-	-
Powador 3200	✓	-	-	-	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
Powador 4200	✓	-	-	-	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
Powador 4400	✓	-	-	-	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
Powador 5300	✓	-	-	-	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
Powador 5300 supreme	✓	-	-	-	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
Powador 5500	✓	-	-	-	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
Powador 6600	✓	-	-	-	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
blueplanet 6400xi	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
blueplanet 7600xi	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Powador 7700-9600</b>																					
Powador 7700	✓	-	-	-	✓	✓	✓	✓	-	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
Powador 7900	✓	-	-	-	✓	✓	✓	✓	-	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
Powador 8600	✓	-	-	-	✓	✓	✓	✓	-	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
Powador 9600	✓	-	-	-	✓	✓	✓	✓	-	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
Powador 7700 supreme	✓	-	-	-	✓	✓	✓	✓	-	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
Powador 7900 supreme	✓	-	-	-	✓	✓	✓	✓	-	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
Powador 8600 supreme	✓	-	-	-	✓	✓	✓	✓	-	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
Powador 9600 supreme	✓	-	-	-	✓	✓	✓	✓	-	✓	✓	✓	●	✓	✓	Rb	✓	●	✓	●	✓
<b>Transformerless three-phase inverters</b>																					
<b>Powador 10.0 TL3-14.0 TL3</b>																					
Powador 10.0 TL3	✓	✓	✓	-	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	-	●	●	✓	●	●	✓
Powador 12.0 TL3	✓	✓	✓	-	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	-	●	●	✓	●	●	✓
Powador 14.0 TL3	✓	✓	✓	-	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	-	●	●	✓	●	●	✓
<b>Powador 30.0 TL3-39.0 TL3</b>																					
Powador 30.0 TL3	✓	✓	✓	-	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	-	●	●	Rb	●	●	●
Powador 37.5 TL3	✓	✓	✓	-	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	-	●	●	Rb	●	●	●
Powador 39.0 TL3	✓	✓	✓	-	✓	✓	✓	✓	Rb	✓	✓	✓	●	✓	-	●	●	Rb	●	●	●
<b>Galvanically isolated three-phase inverters</b>																					
<b>Powador 16.0 TR3-18.0 TR3</b>																					
Powador 16.0 TR3	✓	✓	✓	-	✓	✓	Rb	Rb	Rb	✓	✓	●	●	Rb	-	●	●	Rb	●	●	●
Powador 18.0 TR3	✓	✓	✓	-	✓	✓	Rb	Rb	Rb	✓	✓	●	●	Rb	-	●	●	Rb	●	●	●
<b>Central inverters</b>																					
<b>Central inverters Powador XP-Serie</b>																					
Powador XP100-HV	✓	✓	-	-	✓	-	-	-	-	✓	✓	-	-	-	-	-	-	✓	-	-	-
Powador XP100U-H2 & H4	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Powador XP100U-H6	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Powador XP200-HV	✓	✓	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
Powador XP250-HV	✓	✓	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
Powador XP200-HV TL	✓	✓	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
Powador XP250-HV TL	✓	✓	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
Powador XP350-HV TL	✓	✓	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-

✓	= Certificate available, inverter fulfills the requirements of the standard
Rb	= Certification is planned or in progress, delivery is possible if the customer fills out the form "Country-specific inverter settings"
●	= No standard available, special settings to be adjusted by customer; delivery is possible if the customer fills out the form "Country-specific inverter settings"
-	= Inverter is not available for this country.

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	Countries														
	Brasil	Canada	China	India	Israel	Japan	Thailand	Taiwan	South Africa	Malaysia	Australia	South Korea	New Zealand	USA	
Standard for grid connection	Customer	CAN/CSA C22.2	CGC GF001:2009	Customer	AS 4777 (2005-2)	-	PEA	Customer	Customer	Customer	AS 4777 (2005-2)	KEMCO PV 2008:501	Customer	UL 1741	
Safety standards	EN 50178:1997 DIN EN 50178:1998	IEC 62103 2003-07	IEC 62109-1 2010 vers. 01	UL 1741:1999 R11.05 CSA C22.2.107.1-01 (R2006)											
<b>Galvanically isolated string inverters</b>															
<b>Powador 2002-6002</b>															
Powador 2002	✓	✓	-	-	-	-	-	●	-	-	✓	●	-	-	
Powador 3002	✓	✓	-	-	-	-	-	●	-	-	✓	●	-	-	
Powador 4202	✓	✓	-	-	-	-	-	●	-	-	✓	●	-	-	
Powador 5002	✓	✓	-	-	-	-	-	●	-	-	✓	●	-	-	
Powador 6002	✓	✓	-	-	-	-	-	●	-	-	✓	●	-	-	
blueplanet 1502xi	-	-	-	✓	-	-	-	-	-	-	-	-	-	✓	
blueplanet 1502x	-	-	-	✓	-	-	-	-	-	-	-	-	-	✓	
blueplanet 2502xi	-	-	-	✓	-	-	-	-	-	-	-	-	-	✓	
blueplanet 2502x	-	-	-	✓	-	-	-	-	-	-	-	-	-	✓	
blueplanet 3502xi	-	-	-	✓	-	-	-	-	-	-	-	-	-	✓	
blueplanet 5002xi	-	-	-	✓	-	-	-	-	-	-	-	-	-	✓	
<b>Transformerless string inverters</b>															
<b>Powador 3200-6600</b>															
Powador 3000 special edition	✓	✓	-	-	-	-	-	●	-	-	●	●	-	-	
Powador 3200	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
Powador 4200	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
Powador 4400	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
Powador 5300	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
Powador 5300 supreme	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
Powador 5500	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
Powador 6600	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
blueplanet 6400xi	-	-	-	✓	-	-	-	-	-	-	-	-	-	●	
blueplanet 7600xi	-	-	-	✓	-	-	-	-	-	-	-	-	-	●	
<b>Powador 7700-9600</b>															
Powador 7700	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
Powador 7900	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
Powador 8600	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
Powador 9600	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
Powador 7700 supreme	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
Powador 7900 supreme	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
Powador 8600 supreme	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
Powador 9600 supreme	✓	-	-	-	-	-	-	●	-	-	●	●	-	-	
<b>Transformerless three-phase inverters</b>															
<b>Powador 10.0 TL3-14.0 TL3</b>															
Powador 10.0 TL3	✓	✓	✓	-	-	-	-	✓	-	-	-	-	-	●	
Powador 12.0 TL3	✓	✓	✓	-	-	-	-	✓	-	-	-	-	-	●	
Powador 14.0 TL3	✓	✓	✓	-	-	-	-	✓	-	-	-	-	-	●	
<b>Powador 30.0 TL3-39.0 TL3</b>															
Powador 30.0 TL3	✓	✓	✓	-	-	-	-	✓	-	-	-	-	-	-	
Powador 37.5 TL3	✓	✓	✓	-	-	-	-	✓	-	-	-	-	-	-	
Powador 39.0 TL3	✓	✓	✓	-	-	-	-	✓	-	-	-	-	-	-	
<b>Galvanically isolated three-phase inverters</b>															
<b>Powador 16.0 TR3-18.0 TR3</b>															
Powador 16.0 TR3	✓	✓	✓	-	-	-	-	●	-	-	-	-	-	-	
Powador 18.0 TR3	✓	✓	✓	-	-	-	-	●	-	-	-	-	-	-	
<b>Central inverters</b>															
<b>Central inverters Powador XP-Serie</b>															
Powador XP100-HV	✓	✓	-	-	-	-	-	✓	-	-	-	-	✓	-	
Powador XP100U-H2 & H4	-	-	-	✓	-	-	-	-	-	-	-	-	-	✓	
Powador XP100U-H6	-	-	-	✓	-	-	-	-	-	-	-	-	-	✓	
Powador XP200-HV	✓	✓	-	-	-	-	-	-	-	-	-	-	✓	-	
Powador XP250-HV	✓	✓	-	-	-	-	-	-	-	-	-	-	✓	-	
Powador XP200-HV TL	✓	✓	-	-	-	-	-	-	-	-	-	-	✓	-	
Powador XP250-HV TL	✓	✓	-	-	-	-	-	-	-	-	-	-	✓	-	
Powador XP350-HV TL	✓	✓	-	-	-	-	-	-	-	-	-	-	✓	-	

✓	= Certificate available, inverter fulfills the requirements of the standard
●	= Certificate is planned or in progress, delivery is possible if the customer fills out the form "Country-specific inverter settings"
●	= No standard available, special settings to be adjusted by customer; delivery is possible if the customer fills out the form "Country-specific inverter settings"
-	= Inverter is not available for this country.