

Countries Supported by WHES

The WHES products can be used in many different countries. This document details countries where WHES approves installation of its BESS products. Installation should always be done in compliance with local regulations, and in case of a conflict between local regulations and this document, local regulations apply.

Detailed Information per Country

The table below details for each of the above countries:

1. Support products: which WHES products may be used in the country
2. Countries: to what country setting the products should be configured in order to comply with the local grid requirements.

Commercial ALL-IN-ONE Series			
Country	Certification/List	WH-TIANWU-100-233B	WH-TIANWU-50-233B
Europe			
Basic	UN 38.3	√	√
	IEC 62619:2022	√	√
	IEC 63056:2020	√	√
	EN IEC 61000-6-2:2019	√	√
	EN IES 61000-6-4:2019	√	√
	IEC 62477-1	√	√
EU	EN 50549-1:2019	√	√
UK	G99/1-9	√	√
	ENA	Listed	Listed
Belgium	C10/11:2019	√	√
	Synergrid	Listed	Listed
Denmark	TR 3.3.1:2024	√	√
Sweden	EIFS 2018:2	√	√
	www.energiforetagen.se	Listed	Listed
Germany (<100kw)	VDE-AR-N 4105/11.18	√	√
	DIN VDE V 0124-100/06.20	√	√

Poland (<200kw)	NC RfG	√	√
	PSE,2018-12-18	√	√
	PTPiREE,2021-04-28	√	√
	PTPiREE	Listed	Listed
Italy	CEI 0-16: 2022	√	
	CEI 0-21: 2022	√	
Hungary	MSZ-EN 50549:2019 + A1:2023	√	√
	IEC 61727:2004		√
	IEC 62116:2014		√
Others			
US	UL9540A	√	√
Australia	IEC 62109-1:2010	√	√
	IEC 62109-2:2011		
	AS/NZS 4777.2:2020+A1	√	√
	AS IEC 62477.1:2024	√	√
	AS IEC 62040:2019	√	√
South Africa	NRS 097-2-1:2017 Edition 2.1	√	√
Thailand	PEA:2016	√	
	MEA:2015	√	

Residential ALL-IN-ONE Series					
Country	Certification/List	Agave-SH	Agave-SH -Plus	Agave-TH	Notes
Europe					
EU	EN 50549-1:2019	√	√	√	
UK	G98/1-6:2021	√			
	G99/1-8:2021	√			
	ENA	Listed			
Netherland	Netbeheer	Listed			Without Agave-SH- 6kw
Belgium	C10/11:2021	√	√	√	
	Synergrid	Listed	Listed		
Sweden	EIFS 2018:2	√		√	
	www.energiforetagen.se				
Denmark	TR 3.3.1:2024				
Italy	CEI 0-21:2022/V2:2024	√	√	√	

Germany	VDE-AR-N 4105:2018	√		√	
	DIN VDE V 0124-100	√		√	
Poland	EN50549-1:2019/AC:2019	√		√	
	RfG:2016	√		√	
	NC RfG:2018	√		√	
	PTPiREE:2021	√		√	
	PTPiREE	Listed		Listed	
France	XP C15-712-3:2019	√			
	DIN V VDE V 0126-1-1/A1	√			
Spain	RD 1699:2011	√			
	RD 661:2007	√			
	RD 413:2014	√			
	UNE 217002:2020	√			
Czech Republic	PPDS Annex4:2022	√			
	EN 50549-1:2019/AC:2019	√			
	Australia				
Australia	IEC 62109-1 Ed.1.0	√		√	Without 4.6kW Series
	IEC 62109-2 Ed.1.0	√		√	
	AS 62040.1:2019	√			
	AS/NZS 4777.2:2020 Inc A1, PV isolator	√		√	
	IEC 62619:2016	√			
	CEC	Listed			
	Others				
South Africa	NRS 097-2-1:2017 Edition 2.1	√			
	The City of Cape Town	Listed			
Thailand	PEA:2016	√			Only WH-SPHA6 H-10.24kWh
	MEA:2015	√			
	MEA PEA	Listed			
Philippines	PDC:2017	√			

Residential Inverter Series

Country	Certification/List	Copia-SH	Copia-TH	Notes
Europe				
EU	EN 50549-1:2019	√	√	
UK	G98/1-6:2021	√		
	G99/1-8:2021	√		
	ENA	Listed		
Netherland	Netbeheer	Listed	List in progress	
Belgium	C10/11:2021	√	√	
	Synergrid	Listed	List in progress	
Sweden	EIFS 2018:2		√	
	www.energiforetagen.se		Listed	
Denmark	TR 3.3.1:2024		√	
	ELNET		Listed	
Italy	CEI 0-21:2022/V2:2024	√	√	Copia-SH: Suitable for Dyness HV9637 & Myrtillo-E Copia-TH: Suitable for Myrtillo-E/FEB.
Germany	VDE-AR-N 4105:2018	√	√	
	DIN VDE V 0124-100	√		
Poland	EN50549-1:2019/AC:2019		√	
	RfG:2016		√	
	NC RfG:2018		√	
	PTPiREE:2021		√	
	PTPiREE		Listed	
France	XP C15-712-3:2019	√	√	
	DIN V VDE V 0126-1-1/A1	√	√	
Austria	TOR Erzeuger Typ A Version 1.2:2022		√	
	OVE-Richtlinie R 25:2020		√	
Spain	RD 1699:2011	√		
	RD 661:2007	√		
	RD 413:2014	√		
	UNE 217002:2020	√		
Hungary	IEC 61727:2004		√	
	IEC 62116:2014		√	

Australia				
Australia	IEC 62109-1 Ed.1.0		√	
	IEC 62109-2 Ed.1.0		√	
	AS/NZS 4777.2:2020 Inc A1		√	
	CEC		Listed	
Others				
South Africa	NRS 097-2-1:2017 Edition 2.1	√		
	The City of Cape Town	√		