

# MARKET CERTIFICATION OVERVIEW

18.01.2024 | Version 1.7

# REVISIONS

7	18.01.2024	SHT and SBH included	He Tang		
6	16.01.2024	Status description modification, Austria updates, PV inverter country code updates, and C&I UK status	He Tang		
5	15.12.2023	Format Modification	He Tang		
4	10.11.2023	Estonia and Latvia Updates	He Tang		
3	05.10.2023	CX and CX-P2 Updates	He Tang		
2	21.08.2023	CX-P2 Estonia Update	He Tang		
1	01.08.2023	First Issue	He Tang		
<b>REV.</b>	<b>DATE</b>	<b>ISSUE, MODIFICATION</b>	<b>PREPARED</b>	<b>CHECKED</b>	<b>APPROVED</b>

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# SHRS




-  — Available (Inverter is certified)
-  — Available with restrictions (Inverter with manual settings is certified)
-  — Not available (Inverter is not certified for this country)
- NA** — Not Applicable































COUNTRY	CERTIFICATION	COUNTRY CODE (iSolarCloud)	ACCREDITATION	V11	V13
Albania	NA	NA	NA	✗	✗
Austria	NA	NA	NA	✗	✗
Belgium	Belgium C10/11	Belgium	Synergrid C10/26	○	○
Bosnia	NA	NA	NA	✗	✗
Bulgaria	NA	NA	NA	✗	✗
Croatia	NA	NA	NA	✗	✗
Cyprus	NA	NA	NA	✗	✗
Czech Republic	NA	NA	NA	✗	✗
Denmark	NA	NA	NA	✗	✗
Estonia	NA	NA	NA	✗	✗

Finland	NA	NA	NA	✗	✗
France	VFR2019 C15-712-3	France	NA	○	○
Germany	NA	NA	NA	✗	✗
Greece	EN50549-1	Manual Setting Continent Island	NA	△	△
Hungary	NA	NA	NA	✗	✗
Ireland	NA	NA	NA	✗	✗
Israel	NA	NA	NA	✗	✗
Italy	Italy CEI021	Italy	NA	○	○
Latvia	EN50549-1	Manual Settings	Sadalestikls	△	△
Lithuania	NA	NA	NA	✗	✗
Luxemburg	NA	NA	NA	✗	✗
Malta	NA	NA	NA	✗	✗
Moldova	NA	NA	NA	✗	✗
Montenegro	NA	NA	NA	✗	✗
Netherlands	Netherlands(NC RfG) TypeA	Netherlands	Synergrid	○	○
North Macedonia	NA	NA	NA	✗	✗
Norway	NA	NA	NA	✗	✗

Poland	NA	NA	NA	✗	✗
Portugal	EN50549-1	Manual Settings	DGEG	△	△
Romania	NA	NA	NA	✗	✗
Serbia	NA	NA	NA	✗	✗
Slovakia	NA	NA	NA	✗	✗
Slovenia	NA	NA	NA	✗	✗
Spain	Spain (NTS631 Type A)	Spain	UFD	○	○
Sweden	NA	NA	NA	✗	✗
Switzerland	NA	NA	NA	✗	✗
Turkey	NA	NA	NA	✗	✗
Ukraine	NA	NA	NA	✗	✗
United Kingdom	UK(G98/G99) TypeA Amendment 9 pending	UK	NA	○	○

# SHRT

-  — Available (Inverter is certified)
-  — Available with restrictions (Inverter with manual settings is certified)
-  — Not available (Inverter is not certified for this country)
- NA** — Not Applicable




COUNTRY	CERTIFICATION	COUNTRY CODE (iSolarCloud)	ACCREDITATION	V11	V112	SHRT-20
Albania	EN50549-1	Manual Settings	NA			
Austria	Austria(TOR) TypeA R25	Austria with Manual Settings	Österreichsenergie			
Belgium	Belgium C10/11	Belgium	Synergrid C10/26			
Bosnia	EN50549-1	Manual Settings	NA			
Bulgaria	EN50549-1	Manual Settings	NA			
Croatia	EN50549-1	Manual Settings	NA			
Cyprus	NA	NA	NA			
Czech Republic	CZ(PPDS4)	CZ	NA			
Denmark	NA	NA	ongoing Positive List process			
Estonia	EN50549-1	Manual settings	Elektrivi			







Finland	EN50549-1	Manual Settings	NA	△	△	△
France	NA	NA	NA	×	×	×
Germany	VDE4105	Germany	NA	○	○	○
Greece	EN50549-1	Greece (Islands) Greece (Land)	NA	○	○	○
Hungary	EN50549-1	Manual Settings	E.ON, MVM, Opus Titasz	△	△	△
Ireland	NA	NA	NA	×	×	×
Israel	EN50549-1 + SII	Manual Settings	NA	△	△	△
Italy	Italy CEI021	Italy	NA	×	×	×
Latvia	EN50549-1	Manual Settings	Sadalestikls	△	△	△
Lithuania	EN50549-1	Manual Settings	NA	△	△	△
Luxemburg	NA	NA	NA	×	×	×
Malta	NA	NA	NA	×	×	×
Moldova	NA	NA	NA	×	×	×
Montenegro	EN50549-1	Manual Settings	NA	△	△	△
Netherlands	Netherlands(NC RfG) TypeA	Netherlands	Synergrid	○	○	○
North Macedonia	EN50549-1	Manual Settings	NA	△	△	△
Norway	EN50549-1	Manual Settings	NA	△	△	△



Poland	Poland(NC RfG PTPiREE) TypeA	Poland	PTPiREE	○	○	○
Portugal	EN50549-1	Manual Settings	DGEG	△	△	△
Romania	EN50549-1	Manual Settings	Electrica, Delgaz, Enel for SHRT; Electrica for SHRT-V20	△	△	△
Serbia	EN50549-1	Manual Settings	NA	△	△	△
Slovakia	NA	NA	NA	×	×	×
Slovenia	EN50549-1	Manual Settings	NA	△	△	△
Spain	Spain NTS631 TypeA (pending) UNE217002 (pending)	Spain	UFD	×	×	○
Sweden	Sweden(EIFS 2018:2 &EnergiForetagen) TypeA	Sweden	Rikta Rätt	○	○	○
Switzerland	EN50549-1 <i>Not including emergency stop and Ripple Control Receiver</i>	Manual Settings	NA	△	△	△
Turkey	EN50549-1	Manual Settings	NA	△	△	△
Ukraine	EN50549-1	Manual Settings	NA	△	△	△
United Kingdom	NA	NA	NA	×	×	×

# SHT




-  — Available (Inverter is certified)
-  — Available with restrictions (Inverter with manual settings is certified)
-  — Not available (Inverter is not certified for this country)
- NA** — Not Applicable





















COUNTRY	CERTIFICATION	COUNTRY CODE (iSolarCloud)	ACCREDITATION	STATUS
Albania	EN50549-1	Manual Settings	NA	
Austria	Austria(TOR) TypeA R25	NA	Österreichsenergie	
Belgium	Belgium C10/11	NA	Synergrid C10/26	
Bosnia	EN50549-1	Manual Settings	NA	
Bulgaria	EN50549-1	Manual Settings	NA	
Croatia	EN50549-1	Manual Settings	NA	
Cyprus	NA	NA	NA	
Czech Republic	CZ(PPDS4)	NA	NA	
Denmark	NA	NA	ongoing Positive List process	
Estonia	EN50549-1	Manual settings	Elektrivi	

Finland	EN50549-1	Manual Settings	NA	△
France	NA	NA	NA	×
Germany	VDE4105	Germany	NA	○
Greece	EN50549-1	Manual Settings	NA	△
Hungary	EN50549-1	Manual Settings	E.ON, MVM, Opus Titasz	△
Ireland	NA	NA	NA	×
Israel	EN50549-1 + SII	Manual Settings	NA	△
Italy	Italy CEI021	Italy	NA	○
Latvia	EN50549-1	Manual Settings	Sadalestikls	△
Lithuania	EN50549-1	Manual Settings	NA	△
Luxemburg	NA	NA	NA	×
Malta	NA	NA	NA	×
Moldova	NA	NA	NA	×
Montenegro	EN50549-1	Manual Settings	NA	△
Netherlands	Netherlands(NC RfG) TypeA	NA	Synergrid	×
North Macedonia	EN50549-1	Manual Settings	NA	△
Norway	EN50549-1	Manual Settings	NA	△

























Poland	Poland(NC RfG PTPiREE) TypeA	NA	PTPiREE	✗
Portugal	EN50549-1	Manual Settings	DGEG	△
Romania	EN50549-1	Manual Settings	Electrica, Delgaz, Enel for SHRT; Electrica for SHRT-V20	△
Serbia	EN50549-1	Manual Settings	NA	△
Slovakia	NA	NA	NA	✗
Slovenia	EN50549-1	Manual Settings	NA	△
Spain	Spain NTS631 TypeA UNE217002	Spain	UFD	○
Sweden	Sweden(EIFS 2018:2 &EnergiForetagen) TypeA	Sweden	Rikta Rätt	○
Switzerland	EN50549-1 <i>Not including emergency stop and Ripple Control Receiver</i>	Manual Settings	NA	✗
Turkey	EN50549-1	Manual Settings	NA	△
Ukraine	EN50549-1	Manual Settings	NA	△
United Kingdom	NA	NA	NA	✗

# SGRS




-  — Available (Inverter is certified)
-  — Available with restrictions (Inverter with manual settings is certified)
-  — Not available (Inverter is not certified for this country)
- NA** — Not Applicable





















COUNTRY	CERTIFICATION	COUNTRY CODE (iSolarCloud)	ACCREDITATION	V11	V13
Albania	EN50549-1	Manual settings	Not required		
Austria	NA	Austria	NA		
Belgium	C10/11:2019	Belgium	Synergrid C10/26		
Bosnia	EN50549-1	Manual settings	Not required		
Bulgaria	EN50549-1	Manual settings	Not required		
Croatia	EN50549-1	Manual settings	Not required		
Cyprus	EN50549-1	Manual settings	Not required		
Czech Republic	EN50549-1	Czech Republic	Not required		
Denmark	EN50549-1	Denmark	Positive List (pending)		
Estonia	NA	NA	NA		

Finland	NA	NA	NA	✗	✗
France	UTE C 15-712-1 VDE0126-1-1 VFR2019	France	Not required	○	○
Germany	NA	Germany	NA	✗	✗
Greece	EN50549-1	Greece (Islands) Greece (Land)	Not required	○	○
Hungary	EN50549-1	Hungary	E.ON, MVM, Opus Titasz	○	○
Ireland	NA	NA	NA	✗	✗
Israel	EN50549-1	Israel	Not required	○	○
Italy	CEI 0-21:2019	Italy	Not required	○	○
Latvia	EN50549-1	Manual Settings	Sadalestikls	△	△
Lithuania	EN50549-1	Manual settings	Not required	△	△
Luxemburg	NA	NA	NA	✗	✗
Malta	NA	NA	NA	✗	✗
Moldova	NA	NA	NA	✗	✗
Montenegro	EN50549-1	Manual settings	Not required	△	△
Netherlands	EN50549-1	Netherlands	Synergrid Omvormers RfG Type A	○	○
North Macedonia	EN50549-1	Manual settings	Not required	△	△
Norway	NA	NA	NA	✗	✗



































Poland	EN50549-1 (NC RfG PSE 2018)	Poland	PTPiREE		
Portugal	EN50549-1	Portugal	DGEG		
Romania	EN50549-1	Romania	Electrica for SGRS-S; Electrica and Delgaz for SGRS		
Serbia	EN50549-1	Manual settings	Not required		
Slovakia	NA	NA	NA		
Slovenia	EN50549-1	Manual settings	Not required		
Spain	Spain (ES) NTS 631 UNE 217002	Spain	UFD		
Sweden	NA	Sweden	NA		
Switzerland	NA	NA	NA		
Turkey	NA	Turkey	NA		
Ukraine	EN50549-1	Manual settings	Not required		
United Kingdom	G98 UKCA G99 Amendment 9 pending	United Kingdom_G98	Conformity for G100		

# SGRT

-  — Available (Inverter is certified)
-  — Available with restrictions (Inverter with manual settings is certified)
-  — Not available (Inverter is not certified for this country)
- NA** — Not Applicable

COUNTRY	CERTIFICATION	COUNTRY CODE (iSolarCloud)	ACCREDITATION	V11	V115
Albania	EN50549-1	Manual settings	Not required		
Belgium	C10/11	Belgium	Synergrid C10/26		
Bosnia	EN50549-1	Manual settings	Not required		
Bulgaria	EN50549-1	Manual settings	Not required		
Croatia	EN50549-1	Manual settings	Not required		
Cyprus	EN50549-1	Cyprus	Not required		
Czech Republic	EN50549-1	Czech Republic	Not required	 unbalanced load required	 unbalanced load required
Denmark	EN50549-1	Denmark(DK1) MV/HV NC RfG DK:2021	Positive list (pending)		
Estonia	EN50549-1	Manual settings	Elektrivi		
Finland	EN50549-1	Finland	Not required		



France	UTE C 15-712-1 DIN VDE 0126-1-1 VFR2019	France	Not required		
Germany	VDE 4105	Germany	DAKKS		
Greece	EN50549-1	Greece (Islands) Greece (Land)	Not required		
Hungary	EN50549-1	Hungary	E.ON, MVM, Opus Titasz		
Ireland	EN50549-1	Ireland	Not required		
Israel	EN50549-1	Israel	SIICR		
Italy	CEI 0-21:2019	Italy	Not required		
Latvia	EN50549-1	Manual Settings	Sadalestikls		
Lithuania	EN50549-1	Manual settings	Not required		
Luxemburg	NA	Luxemburg	NA		
Malta	NA	NA	NA		
Moldova	NA	NA	NA		
Montenegro	EN50549-1	Manual settings	Not required		
Netherlands	EN50549-1	Netherlands	Synergrid Omvormers RfG Type A		
North Macedonia	EN50549-1	Manual settings	Not required		
Norway	EN50549-1	Norway	Conformity for RENblad- 342		
Poland	EN50549-1 (NC RfG PSE 2018)	Poland / Poland (PL) NC RfG PSE:2018	PTPiREE		

Portugal	EN50549-1	Portugal	DGEG	○	○
Romania	EN50549-1	Romania	Electrica, Delgaz, Enel, DEO/CEZ	○	○
Serbia	EN50549-1	Manual settings	Not required	△	△
Slovakia	NA	NA	NA	✗	✗
Slovenia	EN50549-1	Slovenia	Not required	○	○
Spain	Spain (ES) NTS 631 UNE 217002 UNE217001	Spain / Spain (ES) NTS 631	UFD	○	○
Sweden	EN50549-1	Sweden 1/ Sweden (SE) EIFS 2018:2 - EnergiForetagen	Rikta Ratt Sundahus 19EV5331	○	○
Switzerland	VDE 4105	Switzerland(CH) NA/EEA-NE7	Not required	○	○
Turkey	EN50549-1	Turkey Turkey(TR) EDPK	Not required	○	○
Ukraine	EN50549-1 EN50549-2	Manual settings	Not required	△	△
United Kingdom	G98 UKCA G99 Amendment 9 pending	United Kingdom_G98	Not required	✗	✗

# SG33/40/50CX

○ — Available (Inverter is certified)

△ — Available with restrictions (Inverter with manual settings is certified)

✗ — Not available (Inverter is not certified for this country)

NA — Not Applicable

COUNTRY	CERTIFICATION	COUNTRY CODE (iSolarCloud)	ACCREDITATION	V11	V112
Albania	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Austria	TOR_Type A&B+R25	TOR_TypeA TOR_TypeB	Österreichsenergie	✗	✗
Belgium	EN50549-1 EN50549-2	C10/C11-Type A C10/C11-Type B	Synergrid C10/26	○	○
Bosnia	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Bulgaria	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Croatia	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Cyprus	EN50549-1 EN50549-2	CY_<=200kW CY_>200kW	Not required	○	○
Czech Republic	EN50549-1 EN50549-2	P4 PPDS_TypeA P4 PPDS_TypeB	Not required	○	○
Denmark	EN50549-1 EN50549-2	NC RfG DK1_TypeA NC RfG DK2_TypeA NC RfG DK1_TypeB NC RfG DK2_TypeB	Positive list (requested)	✗	✗
Estonia	EN50549-1 EN50549-2	Manual settings	Elektrivi	△	△

Finland	EN50549-1 EN50549-2	VJV:2018_TypeA VJV:2018_TypeB	Not required	○	○
France	UTE C 15-712-1 VDE 0126-1- 1/A1+VFR2019	VFR2019	Not required	○	○
Germany	VDE4105 VDE4110	VDE4105 VDE4110	Not required	○	○
Greece	EN50549-1 EN50549-2	NC RfG:GR Land_TypeA NC RfG:GR Land_TypeB	Not required	○	○
Greece Island	EN50549-1 EN50549-2	NC RfG:GR Island_TypeA NC RfG:GR Island_TypeB	Not required	○	○
Hungary	EN50549-1 EN50549-2	EN50549-1_HMKE EN50549-1_TypeA EN50549-1_TypeB EN50549-2_TypeA EN50549-2_TypeB	Pending	×	×
Ireland	EN50549-1 EN50549-2	FWB_TypeA FWB_TypeB	Not required	○	○
Israel	IEC 62109	Israel	SIICR	○	○
Italy	CEI 0-16 CEI 0-21	CEI 0-16 CEI 0-21	Not required	○	○
Latvia	EN50549-1 EN50549-2	EN50549-1 EN50549-2	Sadalestikls	×	×
Lithuania	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Luxemburg	NA	NA	NA	×	×
Malta	NA	NA	NA	×	×
Moldova	NA	NA	NA	×	×
Montenegro	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Netherlands	EN50549-1 EN50549-2	NC RfG:NL_TypeA NC RfG:NL_TypeB	Synergrid	○	○

North Macedonia	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Norway	EN50549-1 EN50549-2	RENBLAND 342_<=30KVA RENBLAND 342_>30KVA NVF 2020_TypeB	Not required	○	○
Poland	NC RfG PSE:2018_TypeA&B	NC RfG PSE:2018_TypeA NC RfG PSE:2018_TypeB	PTPiREE	○	○
Portugal	EN50549-1 EN50549-2	EN50549-1:PT_TypeA EN50549-1:PT_TypeB EN50549-2:PT_TypeA EN50549-2:PT_TypeB	DGEG	○	○
Romania	EN50549-1 EN50549-2	ANRE Ordin	Electrica, Delgaz, Enel, DEO/CEZ for CX; Electrica for CX-P2	○	○
Serbia	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Slovakia	NA	NA	NA	×	×
Slovenia	EN50549-1 EN50549-2	Slovenia_TypeB	SODO	○	○
Spain	NTS 631 V2.1 UNE 217001 UNE 217002 NTS SENP	NTS 631_TypeA NTS 631_TypeB	UFD	○	○
Spain Island	NTS 631 V2.1 UNE 217001	NTS 631_TypeA NTS 631_TypeB	UFD	○	○
Sweden	EN50549-1 EN50549-2	EIFS 2018:2- EnergiForetagen_TypeA EIFS 2018:2- EnergiForetagen_TypeB	Rikta Ratt	○	○
Switzerland	EN50549-1 EN50549-2	NA/EEA:2020 NE7	Not required	△	△
Turkey	EN50549-1 EN50549-2	EPDK_AG EPDK_YG	Not required	○	○
Ukraine	EN50549-1 EN50549-2	Ukraine	Not required	○	○
United Kingdom	G99	G99_TypeA G99_TypeB	ENA	○	○

# SG25-50CX-P2

○ — Available (Inverter is certified)

△ — Available with restrictions (Inverter with manual settings is certified)

✗ — Not available (Inverter is not certified for this country)

NA — Not Applicable




COUNTRY	CERTIFICATION	COUNTRY CODE (iSolarCloud)	ACCREDITATION	V11	V12
Albania	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Austria	TOR_Type A&B+R25	TOR_TypeA TOR_TypeB	Österreichsenergie	✗	✗
Belgium	EN50549-1 EN50549-2	C10/C11-Type A C10/C11-Type B	Synergrid C10/26	○	○
Bosnia	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Bulgaria	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Croatia	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Cyprus	EN50549-1 EN50549-2	CY_<=200kW CY_>200kW	Not required	○	○
Czech Republic	EN50549-1 EN50549-2	P4 PPDS_TypeA P4 PPDS_TypeB	Not required	○	○
Denmark	EN50549-1 EN50549-2	NC RfG DK1_TypeA NC RfG DK2_TypeA NC RfG DK1_TypeB NC RfG DK2_TypeB	Positive list (requested)	✗	✗
Estonia	EN50549-1 EN50549-2	Manual settings	Elektrivi	△	△





















Finland	EN50549-1 EN50549-2	VJV:2018_TypeA VJV:2018_TypeB	Not required	○	○
France	UTE C 15-712-1 VDE 0126-1- 1/A1+VFR2019	VFR2019	Not required	○	○
Germany	VDE4105 VDE4110	VDE4105 VDE4110	Not required	○	○
Greece	EN50549-1 EN50549-2	NC RfG:GR Land_TypeA NC RfG:GR Land_TypeB	Not required	○	○
Greece Island	EN50549-1 EN50549-2	NC RfG:GR Island_TypeA NC RfG:GR Island_TypeB	Not required	○	○
Hungary	EN50549-1 EN50549-2	EN50549-1_HMKE EN50549-1_TypeA EN50549-1_TypeB EN50549-2_TypeA EN50549-2_TypeB	Pending	×	×
Ireland	EN50549-1 EN50549-2	FWB_TypeA FWB_TypeB	Not required	○	○
Israel	IEC 62109	Israel	SIICR	○	○
Italy	CEI 0-16 CEI 0-21	CEI 0-16 CEI 0-21	Not required	○	○
Latvia	EN50549-1 EN50549-2	EN50549-1 EN50549-2	Sadalestikls	×	×
Lithuania	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Luxemburg	NA	NA	NA	×	×
Malta	NA	NA	NA	×	×
Moldova	NA	NA	NA	×	×
Montenegro	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Netherlands	EN50549-1 EN50549-2	NC RfG:NL_TypeA NC RfG:NL_TypeB	Synergrid	○	○

North Macedonia	EN50549-1 EN50549-2	Manual settings	Not required		
Norway	EN50549-1 EN50549-2	RENBLAND 342_<=30KVA RENBLAND 342_>30KVA NVF 2020_TypeB	Not required		
Poland	NC RfG PSE:2018_TypeA&B	NC RfG PSE:2018_TypeA NC RfG PSE:2018_TypeB	PTPiREE		
Portugal	EN50549-1 EN50549-2	EN50549-1:PT_TypeA EN50549-1:PT_TypeB EN50549-2:PT_TypeA EN50549-2:PT_TypeB	DGEG		
Romania	EN50549-1 EN50549-2	ANRE Ordin	Electrica, Delgaz, Enel, DEO/CEZ for CX; Electrica for CX-P2		
Serbia	EN50549-1 EN50549-2	Manual settings	Not required		
Slovakia	NA	NA	NA		
Slovenia	EN50549-1 EN50549-2	Slovenia_TypeB	SODO		
Spain	NTS 631 V2.1 UNE 217001 UNE 217002 NTS SENP	NTS 631_TypeA NTS 631_TypeB	UFD		
Spain Island	NTS 631 V2.1 UNE 217001	NTS 631_TypeA NTS 631_TypeB	UFD		
Sweden	EN50549-1 EN50549-2	EIFS 2018:2- EnergiForetagen_TypeA EIFS 2018:2- EnergiForetagen_TypeB	Rikta Ratt		
Switzerland	EN50549-1 EN50549-2	NA/EEA:2020 NE7	Not required		
Turkey	EN50549-1 EN50549-2	EPDK_AG EPDK_YG	Not required		
Ukraine	EN50549-1 EN50549-2	Ukraine	Not required		
United Kingdom	G99	G99_TypeA G99_TypeB	ENA	 for SG33/50CX-P2	 for SG33/50CX-P2



# SG110CX




-  — Available (Inverter is certified)
-  — Available with restrictions (Inverter with manual settings is certified)
-  — Not available (Inverter is not certified for this country)
- NA** — Not Applicable































COUNTRY	CERTIFICATION	COUNTRY CODE (iSolarCloud)	ACCREDITATION	V11	V112
Albania	EN50549-1 EN50549-2	Manual settings	Not required		
Austria	TOR_TypeA&B+R25	TOR_TypeA TOR_TypeB	Österreichsenergie		
Belgium	EN50549-1 EN50549-2	C10/C11-TypeA C10/C11-TypeB	Synergrid C10/26		
Bosnia	EN50549-1 EN50549-2	Manual settings	Not required		
Bulgaria	EN50549-1 EN50549-2	Manual settings	Not required		
Croatia	EN50549-1 EN50549-2	Manual settings	Not required		
Cyprus	EN50549-1 EN50549-2	CY_<=200kW CY_>200kW	Not required		
Czech Republic	EN50549-1 EN50549-2	P4 PPDS_TypeA P4 PPDS_TypeB	Not required		
Denmark	EN50549-1 EN50549-2	NC RfG DK1_TypeA NC RfG DK2_TypeA NC RfG DK1_TypeB NC RfG DK2_TypeB	Positive list (requested)		
Estonia	EN50549-1 EN50549-2	Manual settings	Elektrivi		

Finland	EN50549-1 EN50549-2	VJV:2018_TypeA VJV:2018_TypeB	Not required		
France	UTE C 15-712-1 VDE 0126-1-1/A1+VFR2019	VFR2019	Not required		
Germany	VDE4110	VDE4110	Not required	only for use in industrial environment	only for use in industrial environment
Greece	EN50549-1 EN50549-2	NC RfG:GR Land_TypeA NC RfG:GR Land_TypeB	Not required		
Greece Island	EN50549-1 EN50549-2	NC RfG:GR Island_TypeA NC RfG:GR Island_TypeB	Not required		
Hungary	EN50549-1 EN50549-2	EN50549-1_HMKE EN50549-1_TypeA EN50549-1_TypeB EN50549-2_TypeA EN50549-2_TypeB	Pending		
Ireland	EN50549-1 EN50549-2	FWB_TypeA FWB_TypeB	Not required		
Israel	IEC 62109	Israel	SIICR		
Italy	CEI 0-16 CEI 0-21	CEI 0-16 CEI 0-21	Not required		
Latvia	EN50549-1 EN50549-2	EN50549-1 EN50549-2	Sadalestikls		
Lithuania	EN50549-1 EN50549-2	Manual settings	Not required		
Luxemburg	NA	NA	NA		
Malta	NA	NA	NA		
Moldova	NA	NA	NA		
Montenegro	EN50549-1 EN50549-2	Manual settings	Not required		
Netherlands	EN50549-1 EN50549-2	NC RfG:NL_TypeA NC RfG:NL_TypeB	Synergrid		

North Macedonia	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Norway	EN50549-1 EN50549-2	RENBLAND 342_<=30KVA RENBLAND 342_>30KVA NVF 2020_TypeB	Not required	○	○
Poland	NC RfG PSE:2018_TypeA&B	NC RfG PSE:2018_TypeA NC RfG PSE:2018_TypeB	PTPiREE	○	○
Portugal	EN50549-1 EN50549-2	EN50549-1:PT_TypeA EN50549-1:PT_TypeB EN50549-2:PT_TypeA EN50549-2:PT_TypeB	DGEG	○	○
Romania	EN50549-1 EN50549-2	ANRE Ordin	Electrica	○	○
Serbia	EN50549-1 EN50549-2	Manual settings	Not required	△	△
Slovakia	NA	NA	NA	×	×
Slovenia	EN50549-1 EN50549-2	Slovenia_TypeB	SODO	○	○
Spain	NTS 631 V2.1 UNE 217001:2020 UNE217002 :2020 NTS SENP	NTS 631_TypeA NTS 631_TypeB	UFD	○	○
Spain Island	NTS 631 V2.1 UNE 217001	NTS 631_TypeA NTS 631_TypeB	UFD	○	○
Sweden	EN50549-1 EN50549-2	EIFS 2018:2- EnergiForetagen_TypeA EIFS 2018:2- EnergiForetagen_TypeB	Rikta Ratt	○	○
Switzerland	EN50549-1 EN50549-2	NA/EEA:2020 NE7	Not required	△	△
Turkey	EN50549-1 EN50549-2	EPDK_AG EPDK_YG	Not required	○	○
Ukraine	EN50549-1 EN50549-2	Ukraine	Not required	○	○
United Kingdom	G99	G99_TypeA G99_TypeB	ENA	○	○

# SG125CX-P2

-  — Available (Inverter is certified)
-  — Available with restrictions (Inverter with manual settings is certified)
-  — Not available (Inverter is not certified for this country)
- NA** — Not Applicable

COUNTRY	CERTIFICATION	COUNTRY CODE (iSolarCloud)	ACCREDITATION	V11	V112	V113
Albania	EN50549-1 EN50549-2	Manual settings	Not required			
Austria	TOR_TypeA&B+R25	TOR_TypeA TOR_TypeB	Österreichsenergie			
Belgium	EN50549-1 EN50549-2	C10/C11-TypeA C10/C11-TypeB	Synergrid C10/26			
Bosnia	EN50549-1 EN50549-2	Manual settings	Not required			
Bulgaria	EN50549-1 EN50549-2	Manual settings	Not required			
Croatia	EN50549-1 EN50549-2	Manual settings	Not required			
Cyprus	EN50549-1 EN50549-2	CY_<=200kW CY_>200kW	Not required			
Czech Republic	EN50549-1 EN50549-2	P4 PPDS_TypeA P4 PPDS_TypeB	Not required			
Denmark	EN50549-1 EN50549-2	NC RfG DK1_TypeA NC RfG DK2_TypeA NC RfG DK1_TypeB NC RfG DK2_TypeB	Positive list (requested)			
Estonia	EN50549-1 EN50549-2	Manual settings	Elektrivi			


Finland	EN50549-1 EN50549-2	VJV:2018_TypeA VJV:2018_TypeB	Not required	○	○	○
France	UTE C 15-712-1 VDE 0126-1-1/A1+VFR2019	VFR2019	Not required	○	○	○
Germany	VDE4105 VDE4110	VDE4105 VDE4110	Not required	○	○	○
Greece	EN50549-1 EN50549-2	NC RfG:GR Land_TypeA NC RfG:GR Land_TypeB	Not required	○	○	○
Greece Island	EN50549-1 EN50549-2	NC RfG:GR Island_TypeA NC RfG:GR Island_TypeB	Not required	○	○	○
Hungary	EN50549-1 EN50549-2	EN50549-1_HMKE EN50549-1_TypeA EN50549-1_TypeB EN50549-2_TypeA EN50549-2_TypeB	Pending	×	×	×
Ireland	EN50549-1 EN50549-2	FWB_TypeA FWB_TypeB	Not required	○	○	○
Israel	IEC 62109	Israel	SIICR	○	○	○
Italy	CEI 0-16 CEI 0-21	CEI 0-16 CEI 0-21	Not required	○	○	○
Latvia	EN50549-1 EN50549-2	EN50549-1 EN50549-2	Sadalestikls	×	×	×
Lithuania	EN50549-1 EN50549-2	Manual settings	Not required	△	△	△
Luxemburg	NA	NA	NA	×	×	×
Malta	NA	NA	NA	×	×	×
Moldova	NA	NA	NA	×	×	×
Montenegro	EN50549-1 EN50549-2	Manual settings	Not required	△	△	△
Netherlands	EN50549-1 EN50549-2	NC RfG:NL_TypeA NC RfG:NL_TypeB	Synergrid	○	○	○

North Macedonia	EN50549-1 EN50549-2	Manual settings	Not required	△	△	△
Norway	EN50549-1 EN50549-2	RENBLAND 342_<=30KVA RENBLAND 342_>30KVA NVF 2020_TypeB	Not required	○	○	○
Poland	NC RfG PSE:2018_TypeA&B	NC RfG PSE:2018_TypeA NC RfG PSE:2018_TypeB	PTPiREE	○	○	○
Portugal	EN50549-1 EN50549-2	EN50549-1:PT_TypeA EN50549-1:PT_TypeB EN50549-2:PT_TypeA EN50549-2:PT_TypeB	DGEG	○	○	○
Romania	EN50549-1 EN50549-2	ANRE Ordin	Electrica	○	○	○
Serbia	EN50549-1 EN50549-2	Manual settings	Not required	△	△	△
Slovakia	NA	NA	NA	×	×	×
Slovenia	EN50549-1 EN50549-2	Slovenia_TypeB	SODO	○	○	○
Spain	NTS 631 V2.1 UNE 217001:2020 UNE217002 :2020 NTS SENP	NTS 631_TypeA NTS 631_TypeB	UFD	○	○	○
Spain Island	NTS 631 V2.1 UNE 217001	NTS 631_TypeA NTS 631_TypeB	UFD	○	○	○
Sweden	EN50549-1 EN50549-2	EIFS 2018:2- EnergiForetagen_TypeA EIFS 2018:2- EnergiForetagen_TypeB	Rikta Ratt	○	○	○
Switzerland	EN50549-1 EN50549-2	NA/EEA:2020 NE7	Not required	○	○	○
Turkey	EN50549-1 EN50549-2	EPDK_AG EPDK_YG	Not required	○	○	○
Ukraine	EN50549-1 EN50549-2	Ukraine	Not required	○	○	○
United Kingdom	G99	G99_TypeA G99_TypeB	ENA	×	×	×











# Battery SBR096-256

 — Available (Inverter and battery are certified)

 — Available with restrictions (Inverter with manual settings and battery are certified)

 — Not available (Inverter is not certified for this country)

NA — Not Applicable

COUNTRY	INVERTER	COMMENT	STATUS
Albania	SHRT	Manual Settings	
Austria	SHRT	Österreichsenergie	
Belgium	SHRT SHRS	NA	
Bosnia	SHRT	Manual Settings	
Bulgaria	SHRT	Manual Settings	
Croatia	SHRT	Manual Settings	
Cyprus	NA	NA	
Czech Republic	SHRT	<i>Unbalanced load not supported</i>	
Denmark	NA	NA	
Estonia	SHRT	Manual Settings	

Finland	SHRT	Manual Settings	△
France	SHRS Pending	NA	×
Germany	SHRT	NA	○
Greece	SHRT	Manual Settings	△
Hungary	SHRT	Manual Settings	△
Ireland	NA	NA	×
Israel	SHRT	Manual Settings	△
Italy	SHRT	NA	○
Latvia	SHRT	Manual Settings	△
Lithuania	SHRT	Manual Settings	△
Luxemburg	NA	NA	×
Malta	NA	NA	×
Moldova	NA	NA	×
Montenegro	SHRT	Manual Settings	△
Netherlands	SHRT SHRS	NA	○
North Macedonia	SHRT	Manual Settings	△
Norway	SHRT	Manual Settings	△



Poland	SHRT	NA	○
Portugal	SHRT, SHRS	Manual Settings	△
Romania	SHRT	Manual Settings	△
Serbia	SHRT	Manual Settings	△
Slovakia	NA	NA	✗
Slovenia	SHRT	Manual Settings	△
Spain	SHRS	NA	○
Sweden	SHRT	NA	○
Switzerland	SHRT	Manual Settings	△
Turkey	SHRT	Manual Settings	△
Ukraine	SHRT	Manual Settings	△
United Kingdom	SHRT	NA	△











# Battery SBH100-400

 — Available (Inverter and battery are certified)

 — Available with restrictions (Inverter with manual settings and battery are certified)

 — Not available (Inverter is not certified for this country)

NA — Not Applicable

COUNTRY	INVERTER	COMMENT	STATUS
Albania	SHT	Manual Settings	
Austria	SHT	NA	
Belgium	SHT	NA	
Bosnia	SHT	Manual Settings	
Bulgaria	SHT	Manual Settings	
Croatia	SHT	Manual Settings	
Cyprus	NA	NA	
Czech Republic	SHT	NA	
Denmark	NA	NA	
Estonia	SHT	Manual Settings	

Finland	SHT	Manual Settings	△
France	NA	NA	×
Germany	SHT	NA	○
Greece	SHT	Manual Settings	△
Hungary	SHT	Manual Settings	△
Ireland	NA	NA	×
Israel	SHT	Manual Settings	△
Italy	SHT	NA	○
Latvia	SHT	Manual Settings	△
Lithuania	SHT	Manual Settings	△
Luxemburg	NA	NA	×
Malta	NA	NA	×
Moldova	NA	NA	×
Montenegro	SHT	Manual Settings	△
Netherlands	SHT	NA	×
North Macedonia	SHT	Manual Settings	△
Norway	SHT	Manual Settings	△

Poland	SHT	NA	✗
Portugal	SHT	Manual Settings	△
Romania	SHT	Manual Settings	△
Serbia	SHT	Manual Settings	△
Slovakia	NA	NA	✗
Slovenia	SHT	Manual Settings	△
Spain	SHT	NA	○
Sweden	SHT	NA	○
Switzerland	SHT	Manual Settings	△
Turkey	SHT	Manual Settings	△
Ukraine	SHT	Manual Settings	△
United Kingdom	SHT	NA	✗

# AC-Charger AC007E-01

○ — Available (Inverter and battery are certified)

△ — Available with restrictions (Inverter with manual settings and battery are certified)

✗ — Not available (Inverter is not certified for this country)

NA — Not Applicable

Certified for EU-Market according to the following standard regulations on Sungrow AC-Charging devices:

- Radio Equipment Directive 2014/53/EU

- RoHS Directive 2015/863/EU

- RoHS Directive 2011/65/EU

COUNTRY	COMPATIBLE INVERTER	VERSION	V11	V13
Albania	NA	NA	✗	✗
Austria	NA	NA	✗	✗
Belgium	SHRS	AC007E-01	○	○
Bosnia	NA	NA	✗	✗
Bulgaria	NA	NA	✗	✗
Croatia	NA	NA	✗	✗
Cyprus	NA	NA	✗	✗

Czech Republic	NA	NA	×	×
Denmark	NA	NA	×	×
Estonia	NA	NA	×	×
Finland	NA	NA	×	×
France	SHRS	AC007E-01	○	○
Germany	NA	NA	×	×
Greece	SHRS	AC007E-01	△	△
Hungary	NA	NA	×	×
Ireland	NA	NA	×	×
Israel	NA	NA	×	×
Italy	SHRS	AC007E-01	○	○
Latvia	SHRS	AC007E-01	△	△
Lithuania	NA	NA	×	×
Luxemburg	NA	NA	×	×
Malta	NA	NA	×	×
Moldova	NA	NA	×	×
Montenegro	NA	NA	×	×

Netherlands	SHRS	AC007E-01	○	○
North Macedonia	NA	NA	×	×
Norway	NA	NA	×	×
Poland	NA	NA	×	×
Portugal	SHRS	AC007E-01	△	△
Romania	NA	NA	×	×
Serbia	NA	NA	×	×
Slovakia	NA	NA	×	×
Slovenia	NA	NA	×	×
Spain	SHRS	AC007E-01	○	○
Sweden	NA	NA	×	×
Switzerland	NA	NA	×	×
Turkey	NA	NA	×	×
Ukraine	NA	NA	×	×
United Kingdom	SHRS	AC007UK-01	○	○

# AC-Charger AC011E-01

○ — Available (Inverter and battery are certified)

△ — Available with restrictions (Inverter with manual settings and battery are certified)

✗ — Not available (Inverter is not certified for this country)

NA — Not Applicable

Certified for EU-Market according to the following standard regulations on Sungrow AC-Charging devices:

- Radio Equipment Directive 2014/53/EU

- RoHS Directive 2015/863/EU

- RoHS Directive 2011/65/EU

COUNTRY	COMPATIBLE INVERTER	VERSION	V11	V112	SHRT-20
Albania	SHRT	AC011E-01	△	△	△
Austria	SHRT	AC011E-01	△	△	✗
Belgium	SHRT	AC011E-01	○	○	○
Bosnia	SHRT	AC011E-01	△	△	△
Bulgaria	SHRT	AC011E-01	△	△	△
Croatia	SHRT	AC011E-01	△	△	△
Cyprus	NA	NA	✗	✗	✗



Czech Republic	SHRT	AC011E-01	○	○	○
Denmark	NA	NA	×	×	×
Estonia	SHRT	AC011E-01	△	△	△
Finland	SHRT	AC011E-01	△	△	△
France	NA	NA	×	×	×
Germany	SHRT	AC011E-01	○	○	○
Greece	SHRT	AC011E-01	△	△	△
Hungary	SHRT	AC011E-01	△	△	△
Ireland	NA	NA	×	×	×
Israel	SHRT	AC011E-01	△	△	△
Italy	NA	NA	×	×	×
Latvia	SHRT	AC011E-01	△	△	△
Lithuania	SHRT	AC011E-01	△	△	△
Luxemburg	NA	NA	×	×	×
Malta	NA	NA	×	×	×
Moldova	NA	NA	×	×	×
Montenegro	SHRT	AC011E-01	△	△	△

Netherlands	SHRT	AC011E-01	○	○	○
North Macedonia	SHRT	AC011E-01	△	△	△
Norway	SHRT	AC011E-01	△	△	△
Poland	SHRT	AC011E-01	○	○	○
Portugal	SHRT	AC011E-01	△	△	△
Romania	SHRT	AC011E-01	△	△	△
Serbia	SHRT	AC011E-01	△	△	△
Slovakia	NA	NA	×	×	×
Slovenia	SHRT	AC011E-01	△	△	△
Spain	NA	NA	×	×	○
Sweden	SHRT	AC011E-01	○	○	○
Switzerland	SHRT	AC011E-01	△	△	△
Turkey	SHRT	AC011E-01	△	△	△
Ukraine	SHRT	AC011E-01	△	△	△
United Kingdom	NA	NA	×	×	×