



Product Certification and Country Code Overview (Europe)

22.01.2025 | Version 3.2

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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	✗	✗
Armenia	EN50549-1	Manual Settings	NA	△	△
Austria	NA	NA	NA	✗	✗
Belgium	Belgium C10/11	Belgium	Synergrid C10/26	○	○
Bosnia	NA	NA	NA	✗	✗
Bulgaria	EN50549-1	Manual Settings	NA	△	△
Croatia	NA	NA	NA	✗	✗
Cyprus	VDE4105	Manual Settings	NA	△	△
Czech Republic	NA	NA	NA	✗	✗
Denmark	NA	NA	NA	✗	✗

Estonia	EN50549-1	Manual Settings	Elektrilevi	△	△
Finland	NA	NA	NA	×	×
France	EN50549-1 & -10 C15-712-3	France	NA	△	△
Georgia	EN50549-1	Manual Settings	NA	△	△
Germany	NA	NA	NA	×	×
Greece	EN50549-1	Greece (Islands) Greece (Land)	NA	○	○
Hungary	NA	NA	NA	×	×
Ireland	EN50549-1	EN50549-1	NA	○	○
Israel	NA	NA	NA	×	×
Italy	Italy CEI021	Italy	NA	○	○
Latvia	EN50549-1	Manual Settings	Sadalestikls	△	△
Lithuania	EN50549-1	Manual Settings	ESO	△	△
Luxemburg	NA	NA	NA	×	×
Malta	NA	NA	NA	×	×
Moldova	EN50549-1	Manual Settings	NA	△	△
Montenegro	EN50549-1	Manual Settings	NA	△	△
Netherlands	Netherlands(NC RfG) TypeA	Netherlands	Synergrid	○	○

North Macedonia	EN50549-1	Manual Settings	NA	△	△
Northern Ireland	G98NI for SH3/3.6RS G99NI for SH4/5/6RS	United Kingdom	NA	○	○
Norway	NA	NA	NA	×	×
Poland	NA	NA	NA	×	×
Portugal	EN50549-1	Portugal	NA	○	○
Romania	EN50549-1	Manual Settings	NA	△	△
Serbia	EN50549-1	Manual Settings	Accreditation of WiNet-S2 required	△	△
Slovakia	NA	NA	NA	×	×
Slovenia	NA	NA	NA	×	×
Spain	UNE 217002 NTS SEPE 2.0 RD631,413,1699	Spain	UFD	○	○
Sweden	NA	NA	NA	×	×
Switzerland	NA	NA	NA	×	×
Turkey	NA	NA	NA	×	×
Ukraine	EN50549-1	Manual Settings	Accreditation of WiNet-S2 required	△	△
United Kingdom	G98/G99/G100	United Kingdom	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-V11
Albania	EN50549-1	Manual Settings	NA			
Armenia	EN50549-1	Manual Settings	NA			
Austria	Austria(TOR) TypeA R25	Austria	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	VDE4105	Manual Settings	NA			
Czech Republic	CZ(PPDS4)	NA	NA			
Denmark	Denmark	Denmark	GDP Positive List			

Estonia	EN50549-1	Manual settings	Elektrilevi	△	△	△
Finland	EN50549-1	Manual Settings	NA	△	△	△
France	NA	NA	NA	×	×	×
Georgia	EN50549-1	Manual Settings	NA	△	△	△
Germany	VDE4105	Germany	NA	○	○	○
Greece	EN50549-1	Greece (Islands) Greece (Land)	NA	○	○	○
Hungary	EN50549-1	Manual Settings	E.ON, MVM, Opus Titasz	△	△	△
Ireland	EN50549-1	EN50549-1	NA	○	○	○
Israel	EN50549-1 + SII	Manual Settings	NA	△	△	△
Italy	Italy CEI021	Italy	NA	○	×	○
Latvia	EN50549-1	Manual Settings	Sadalestikls	△	△	△
Lithuania	EN50549-1	Manual Settings	ESO	△	△	△
Luxemburg	ILR/E18/43 TypeA	Manual Settings	NA	△	△	△
Malta	NA	NA	NA	×	×	×
Moldova	EN50549-1	Manual Settings	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	Portugal	DGEG	○	○	○
Romania	EN50549-1	Manual Settings	Electrica, Delgaz, Enel for SHRT; Electrica for SHRT-V20	△	△	△
Serbia	EN50549-1	Manual Settings	Accreditation of WiNet- S2 required	△	△	△
Slovakia	NA	NA	NA	×	×	×
Slovenia	EN50549-1	Manual Settings	NA	△	△	△
Spain	UNE 217002 NTS SEPE 2.1 RD631,413,1699	Spain(ES) NTS 631	UFD	×	×	○
Sweden	Sweden(EIFS 2018:2 &EnergiForetagen) TypeA	Sweden	Rikta Rätt	○	○	○
Switzerland	EN50549-1 <i>Not including emergency stop and Ripple Control Receiver</i>	Switzerland(CH) NA/EEA-NE7	NA	○	○	○
Turkey	EN50549-1	Manual Settings	NA	△	△	△
Ukraine	EN50549-1	Manual Settings	Accreditation of WiNet- S2 required	△	△	△
United Kingdom	NA	NA	NA	×	×	×

SH5-12T

-  — 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	Austria	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)	Czech(CZ) EN50549-1 CZ	EG.D	
Denmark	NA	NA	NA	
Estonia	EN50549-1	Manual settings	Elektrilevi	

Finland	EN50549-1	Manual Settings	NA	×
France	EN50549-1 & -10 C15-712-3	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	EN50549-1	EN50549-1	NA	×
Israel	EN50549-1 SII	Manual Settings	NA	×
Italy	Italy CEI021	Italy	NA	×
Latvia	EN50549-1	Manual Settings	Sadalestikls	×
Lithuania	EN50549-1	Manual Settings	ESO	×
Luxemburg	ILR/E18/43 TypeA	Manual Settings	NA	×
Malta	NA	NA	NA	×
Moldova	NA	NA	NA	×
Montenegro	EN50549-1	Manual Settings	NA	×
Netherlands	Netherlands(NC RfG) TypeA	Netherlands(NL) NCRfG NL	Synergrid	×
North Macedonia	EN50549-1	Manual Settings	NA	×
Norway	EN50549-1	Manual Settings	NA	×

Poland	Poland(NC RfG PTPiREE) TypeA	NA	PTPiREE	×
Portugal	VDE4105 EN50549-1 IEC62109-1	Manual Settings	DGEG	×
Romania	EN50549-1	Manual Settings	Relete Electrice	×
Serbia	EN50549-1	Manual Settings	NA	×
Slovakia	NA	NA	NA	×
Slovenia	EN50549-1	Manual Settings	SODO	×
Spain	UNE 217001 UNE 217002 NTS SENP 1.1 NTS SEPE 2.1 RD631,413,1699	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	×

SH15-25T

-  — 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
Albania	EN50549-1	Manual Settings	NA	
Armenia	EN50549-1	Manual Settings	NA	
Austria	Austria(TOR) TypeA R25	Austria	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	VDE4105	Manual Settings	NA	
Czech Republic	CZ(PPDS4)	Czech(CZ) EN50549-1 CZ	EG.D	
Denmark	NA	NA	NA	

Estonia	EN50549-1	Manual settings	Elektrilevi	△
Finland	EN50549-1	Manual Settings	NA	△
France	EN50549-1 & -10 C15-712-3	NA	NA	×
Georgia	EN50549-1	Manual Settings	NA	△
Germany	VDE4105 VDE4110 pending	Germany	NA	○
Greece	EN50549-1	Greece (Islands) Greece (Land)	NA	○
Hungary	EN50549-1	Manual Settings	E.ON, MVM, Opus Titasz	×
Ireland	EN50549-1	EN50549-1	NA	○
Israel	EN50549-1 SII	Manual Settings	NA	△
Italy	Italy CEI0-21 Italy CEI0-16	Italy	NA	○
Latvia	EN50549-1	Manual Settings	Sadalestikls	△
Lithuania	EN50549-1	Manual Settings	ESO	△
Luxemburg	ILR/E18/43 TypeA	Manual Settings	NA	△
Malta	NA	NA	NA	×
Moldova	EN50549-1	Manual Settings	NA	△
Montenegro	EN50549-1	Manual Settings	NA	△
Netherlands	Netherlands(NC RfG) TypeA	Netherlands(NL) NCRfG NL	Synergrid	○

North Macedonia	EN50549-1	Manual Settings	NA	△
Norway	EN50549-1	Manual Settings	NA	△
Poland	Poland(NC RfG PTPIREE) TypeA	Poland	PTPIREE	○
Portugal	VDE4105 EN50549-1 IEC62109-1	Manual Settings	DGEG	△
Romania	EN50549-1	Manual Settings	Relete Electrice	△
Serbia	EN50549-1	Manual Settings	Accreditation of WiNet-S2 required	△
Slovakia	NA	NA	NA	×
Slovenia	EN50549-1	Manual Settings	SODO	△
Spain	UNE 217001 UNE 217002 NTS SEPE 2.1 RD631,413,1699	Spain(ES) NTS 631	UFD	○
Spain Island	UNE 217001 UNE 217002 NTS SENP 1.1 RD631,413,1699	Spain(ES) NTS 631	UFD	○
Sweden	Sweden(EIFS 2018:2 &EnergiForetagen) TypeA	Sweden	Rikta Rätt	○
Switzerland	EN50549-1	Switzerland(CH) NA/EEA- NE7	NA	○
Turkey	EN50549-1	Manual Settings	NA	△
Ukraine	EN50549-1	Manual Settings	Accreditation of WiNet-S2 required	△
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		
Armenia	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	VDE4105	Manual settings	Not required		
Czech Republic	EN50549-1	Czech Republic	Not required		
Denmark	EN50549-1	Denmark	Positive List (pending)		

Estonia	EN50549-1	Manual settings	Elektrilevi	△	△
Finland	NA	NA	NA	×	×
France	EN50549-1 & -10 C15-712-1	France	Not required	△	△
Georgia	EN50549-1	Manual settings	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	EN50549-1	EN50549-1	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	ESO	△	△
Luxemburg	NA	NA	NA	×	×
Malta	NA	NA	NA	×	×
Moldova	EN50549-1	Manual settings	Not required	△	△
Montenegro	EN50549-1	Manual settings	Not required	△	△
Netherlands	EN50549-1	Netherlands	Synergrid Omvormers RfG Type A	○	○

North Macedonia	EN50549-1	Manual settings	Not required	△	△
Northern Ireland	G98NI for SG3/3.6RS G99NI for SG4/5/6RS	United Kingdom	NA	○	○
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	Accreditation of WiNet-S2 required	△	△
Slovakia	NA	NA	NA	×	×
Slovenia	EN50549-1	Manual settings	NA	△	△
Spain	UNE 217002 NTS SEPE 2.1 RD631,413,1699	Spain	UFD	○	○
Sweden	NA	Sweden	NA	×	×
Switzerland	NA	NA	NA	×	×
Turkey	NA	Turkey	NA	×	×
Ukraine	EN50549-1	Manual settings	Accreditation of WiNet-S2 required	△	△
United Kingdom	G98/G99/G100	United Kingdom_G98	NA	○	○

For SG8.0-10RS-V13 (big SGRS specially for Armenia and Spanish market):

COUNTRY	CERTIFICATION	COUNTRY CODE (iSolarCloud)	ACCREDITATION	V13
Armenia	EN50549-1	Manual settings	Not required	
Spain	UNE217002 NTS SEPE 2.1 RD631,413,1699	Spain	UFD	

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		
Armenia	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	VDE4105	Manual settings	Not required		
Czech Republic	CZ(PPDS4)	Czech Republic	Not required		
Denmark	EN50549-1	Denmark(DK1) MV/HV NC RfG DK:2021	Positive list (pending)		
Estonia	EN50549-1	Manual settings	Elektrilevi		

Finland	EN50549-1	Finland	Not required	○	○
France	EN50549-1 & -10 C15-712-1	France	Not required	✗	✗
Georgia	EN50549-1	Manual settings	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 0-16 (except SG20RT) CEI 0-21:2022	Italy	Not required	○	○
Latvia	EN50549-1	Manual Settings	Sadalestikls	△	△
Lithuania	EN50549-1	Manual settings	ESO	△	△
Luxemburg	ILR/E18/43 TypeA	Manual Settings	NA	△	△
Malta	NA	NA	NA	✗	✗
Moldova	EN50549-1	Manual settings	Not required	△	△
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	Accreditation of WiNet-S2 required	△	△
Slovakia	NA	NA	NA	✗	✗
Slovenia	EN50549-1	Slovenia	NA	○	○
Spain	UNE 217001 UNE 217002 NTS SEPE 2.1 RD631,413,1699	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	NA	○	○
Turkey	EN50549-1	Turkey Turkey(TR) EDPK	NA	○	○
Ukraine	EN50549-1	Manual settings	Accreditation of WiNet-S2 required	△	△
United Kingdom	G98 UKCA G99 Amendment 9 pending	United Kingdom_G98	NA	✗	✗

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	INSTALLATION TYPE	SIMULATION MODEL
Albania	EN50549-1 EN50549-2	Manual settings	Not required			TypeA&B	Not required
Armenia	EN50549-1 EN50549-2	Manual settings	Not required			TypeA&B	Not required
Austria	TOR_Type A&B+R25	TOR_TypeA TOR_TypeB	Österreichsenergie			TypeA&B	Not required
Belgium ¹	EN50549-1 EN50549-2	C10/C11-Type A C10/C11-Type B	Synergrid C10/26			TypeA&B	EMT/PSCAD for >Type B
Bosnia	EN50549-1 EN50549-2	Manual settings	Not required			TypeA&B	Not required
Bulgaria	EN50549-1 EN50549-2	Manual settings	Not required			TypeA&B	Not required
Croatia	EN50549-1 EN50549-2	Manual settings	Not required			TypeA&B	Not required
Cyprus	VDE4105 VDE4110	CY_<=200kW CY_>200kW	Not required			TypeA&B	Not required
Czech Republic	EN50549-1 EN50549-2	P4 PPDS_TypeA P4 PPDS_TypeB	Not required			TypeA&B	Not required
Denmark	EN50549-1 EN50549-2	NC RfG DK1_TypeA NC RfG DK2_TypeA	Positive list (requested)			TypeA&B	Not required

¹ In case of installation in IT-grid, please contact Sungrow

NC RfG DK1_TypeB
NC RfG DK2_TypeB

Estonia	EN50549-1 EN50549-2	Manual settings	Elektrilevi	△	△	TypeA&B	Not required
Finland	EN50549-1 EN50549-2	VJV:2018_TypeA VJV:2018_TypeB	Not required	○	○	TypeA&B	Not required
France	EN50549-1 & -10 EN50549-2 & -10 C15-712-1	VFR2019	Not required	✗	✗	TypeA&B	Not required
Georgia	EN50549-1 EN50549-2	Manual settings	Not required	△	△	TypeA&B	Not required
Germany	VDE4105 VDE4110	VDE4105 VDE4110	Not required	○	○	TypeA&B	VDE DIgSILENT
Greece Land	EN50549-1 EN50549-2	Greece (Land)	Not required	△	△	TypeA&B	Not required
Greece Islands (non-interconnected)	EN50549-1 EN50549-2	Greece (Islands)	Not required	△	△	TypeA&B	Not required
Hungary	EN50549-1 EN50549-2	Hungary	Pending	✗	✗	TypeA&B	Not required
Ireland	EN50549-1 EN50549-2	FWB_TypeA FWB_TypeB	Not required	○	○	TypeA&B	Not required
Israel	IEC 62109	Israel	SIICR	○	○	TypeA&B	Not required
Italy	CEI 0-16 CEI 0-21	CEI 0-16 CEI 0-21	Not required	○	○	TypeA&B	Not required
Latvia	EN50549-1 EN50549-2	Manual settings	Sadalestikls	△	△	TypeA&B	Not required
Lithuania	EN50549-1 EN50549-2	Manual settings	ESO	△	△	TypeA&B	Not required
Luxemburg	ILR/E18/43 TypeA&B	Manual Settings	NA	△	△	TypeA&B	Not required
Malta	NA	NA	NA	✗	✗	TypeA&B	Not required
Moldova	EN50549-1 EN50549-2	Manual settings	Not required	△	△	TypeA&B	Not required

Montenegro	EN50549-1 EN50549-2	Manual settings	Not required			TypeA&B	Not required
Netherlands	EN50549-1 EN50549-2	NC RfG:NL_TypeA NC RfG:NL_TypeB	Synergrid			TypeA&B	Not required
North Macedonia	EN50549-1 EN50549-2	Manual settings	Not required			TypeA&B	Not required
Norway ²	EN50549-1 EN50549-2	RENBLAND 342_<=30KVA RENBLAND 342_>30KVA NVF 2020_TypeB	Not required			TypeA&B	Not required
Poland	NC RfG PSE:2018_TypeA&B	NC RfG PSE:2018_TypeA NC RfG PSE:2018_TypeB	PTPiREE			TypeA&B	Not required
Portugal	EN50549-1 EN50549-2	EN50549-1:PT_TypeA EN50549-1:PT_TypeB EN50549-2:PT_TypeA EN50549-2:PT_TypeB	DGEG			TypeA&B	Not required
Romania	EN50549-1 EN50549-2	ANRE Ordin	Electrica, Delgaz, Enel, DEO/CEZ for CX; Electrica for CX-P2			TypeA&B	Not required
Serbia	EN50549-1 EN50549-2	Manual settings	Not required			TypeA&B	Not required
Slovakia	EN50549-1 EN50549-2	Manual settings	ÚRSO			TypeA&B	Not required
Slovenia	EN50549-1 EN50549-2	Slovenia_TypeB	SODO			TypeA&B	Not required
Spain	UNE 217001 UNE 217002 NTS SEPE 2.1 RD631,413,1699	NTS 631_TypeA NTS 631_TypeB	UFD			TypeA&B	NTS DIgSILENT
Spain Island	UNE 217001 UNE 217002 NTS SENP 1.1 RD631,413,1699	NTS 631_TypeA NTS 631_TypeB	UFD			TypeA&B	NTS DIgSILENT
Sweden	EN50549-1 EN50549-2	EIFS 2018:2- EnergiForetagen_TypeA EIFS 2018:2- EnergiForetagen_TypeB	Rikta Ratt			TypeA&B	Not required
Switzerland	EN50549-1 EN50549-2	NA/EEA:2020 NE7	Not required			TypeA&B	VDE DIgSILENT

² In case of installation in IT-grid, please contact Sungrow

Turkey	EN50549-1 EN50549-2	EPDK_AG EPDK_YG	Not required			TypeA&B	Not required
Ukraine	EN50549-1 EN50549-2	Ukraine	Not required			TypeA&B	Not required
United Kingdom	G99	G99_TypeA G99_TypeB	ENA			TypeA&B	Not required

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	V21	INSTALLATION TYPE	SIMULATION MODEL
Albania	EN50549-1 EN50549-2	Manual settings	Not required				Type A&B	Not required
Armenia	EN50549-1 EN50549-2	Manual settings	Not required				Type A&B	Not required
Austria	TOR_Type A&B+R25	TOR_TypeA TOR_TypeB	Österreichsenergie				Type A&B	Not required
Belgium ³	EN50549-1 EN50549-2	C10/C11-Type A C10/C11-Type B	Synergrid C10/26				Type A&B	EMT/PSCAD for >Type B
Bosnia	EN50549-1 EN50549-2	Manual settings	Not required				Type A&B	Not required
Bulgaria	EN50549-1 EN50549-2	Manual settings	Not required				Type A&B	Not required
Croatia	EN50549-1 EN50549-2	Manual settings	Not required				Type A&B	Not required
Cyprus	VDE4105 VDE4110	Cyprus(CY)	Not required				Type A&B	Not required
Czech Republic	EN50549-1 EN50549-2	P4 PPDS_TypeA P4 PPDS_TypeB	Not required				Type A&B	Not required
Denmark	EN50549-1 EN50549-2	NC RfG DK1_TypeA NC RfG DK2_TypeA	GPD Positive List				Type A	Not required

³ In case of installation in IT-grid, please contact Sungrow

Estonia	EN50549-1 EN50549-2	Manual settings	Elektrilevi	△	△	✗	Type A&B	Not required
Finland	EN50549-1 EN50549-2	VJV:2018_TypeA VJV:2018_TypeB	Not required	○	○	✗	Type A&B	Not required
France	EN50549-1 & -10 EN50549-2 & -10 C15-712-1	VFR2019	Not required	△	△	✗	Type A&B	Not required
Georgia	EN50549-1 EN50549-2	Manual settings	Not required	△	△	✗	Type A&B	Not required
Germany	VDE4105 VDE4110	VDE4105 VDE4110	Not required	○	○	✗	Type A&B	VDE DigSILENT
Greece Land	EN50549-1 EN50549-2	NC RfG GR Land_TypeA NC RfG GR Land_TypeB	Not required	△	△	✗	Type A&B	Not required
Greece Islands (non-interconnected)	EN50549-1 EN50549-2	NC RfG:GR Island_TypeA NC RfG:GR Island_TypeB	Not required	△	△	✗	Type A&B	Not required
Hungary	EN50549-1 EN50549-2	HUNGARY(HU) HMKE	E.ON	○ Only for SG33CX-P2 & SG50CX-P2	○ Only for SG33CX-P2 & SG50CX-P2	✗	Type A&B	Not required
Ireland	EN50549-1 EN50549-2	FWB_TypeA FWB_TypeB	Not required	○	○	✗	Type A&B	Not required
Israel	IEC 62109	Israel	SIICR	○	○	✗	Type A&B	Not required
Italy	CEI 0-16 CEI 0-21	CEI 0-16 CEI 0-21	Not required	○	○	✗	Type A&B	Not required
Latvia	EN50549-1 EN50549-2	Manual settings	Sadalestikls	△	△	✗	Type A&B	Not required
Lithuania	EN50549-1 EN50549-2	Manual settings	ESO	△	△	✗	Type A&B	Not required
Luxemburg	ILR/E18/43 TypeA&B	Manual Settings	NA	△	△	✗	Type A&B	Not required
Malta	NA	NA	NA	✗	✗	✗	Type A&B	Not required
Moldova	EN50549-1 EN50549-2	Manual settings	Not required	△	△	✗	Type A&B	Not required

Montenegro	EN50549-1 EN50549-2	Manual settings	Not required				Type A&B	Not required
Netherlands	EN50549-1 EN50549-2	NC RfG:NL_TypeA NC RfG:NL_TypeB	Synergrid				Type A&B	Not required
North Macedonia	EN50549-1 EN50549-2	Manual settings	Not required				Type A&B	Not required
Northern Ireland	G99NI TypeA	G99	ENA				Type A&B	Not required
Norway ⁴	EN50549-1 EN50549-2	RENBLAND 342_<=30KVA RENBLAND 342_>30KVA NVF 2020_TypeB	Not required				Type A&B	Not required
Poland	NC RfG PSE:2018_TypeA&B	NC RfG PSE:2018_TypeA NC RfG PSE:2018_TypeB	PTPiREE				Type A&B	Not required
Portugal	EN50549-1 EN50549-2	EN50549-1:PT_TypeA EN50549-1:PT_TypeB EN50549-2:PT_TypeA EN50549-2:PT_TypeB	DGEG				Type A&B	Not required
Romania	EN50549-1 EN50549-2	ANRE Ordin	Electrica, Delgaz, Enel, DEO/CEZ for CX; Electrica for CX-P2				Type A&B	Not required
Serbia	EN50549-1 EN50549-2	Manual settings	Not required				Type A&B	Not required
Slovakia	EN50549-1 EN50549-2	Manual settings	ÚRSO				Type A&B	Not required
Slovenia	EN50549-1 EN50549-2	Slovenia_TypeB	SODO				Type A&B	Not required
Spain	UNE 217001 UNE 217002 NTS SEPE 2.1 RD631,413,1699	NTS 631_TypeA NTS 631_TypeB	UFD				Type A&B	NTS DIgSILENT
Spain Island	UNE 217001 UNE 217002 NTS SENP 1.1 RD631,413,1699	NTS 631_TypeA NTS 631_TypeB	UFD				Type A&B	NTS DIgSILENT
Sweden	EN50549-1 EN50549-2	EIFS 2018:2- EnergiForetagen_TypeA EIFS 2018:2- EnergiForetagen_TypeB	Rikta Ratt				Type A&B	Not required

⁴ In case of installation in IT-grid, please contact Sungrow

Switzerland	EN50549-1 EN50549-2	NA/EEA:2020 NE7	Not required				Type A&B	VDE DigSILENT
Turkey	EN50549-1 EN50549-2	EPDK_AG EPDK_YG	Not required				Type A&B	Not required
Ukraine	EN50549-1 EN50549-2	Ukraine	Not required				Type A&B	Not required
United Kingdom	G99 TypeA G99 TypeB (only for SG30/33/40/50CX-P2) G100	G99	ENA				Type A&B	Not required

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	INSTALLATION TYPE	SIMULATION MODEL
Albania	EN50549-1 EN50549-2	Manual settings	Not required			Type A&B	Not required
Armenia	EN50549-1 EN50549-2	Manual settings	Not required			Type A&B	Not required
Austria	TOR_TypeA&B+R25	TOR_TypeA TOR_TypeB	Österreichsenergie			Type A&B	Not required
Belgium ⁵	EN50549-1 EN50549-2	C10/C11-TypeA C10/C11-TypeB	Synergrid C10/26			Type A&B	EMT/PSCAD for >Type B
Bosnia	EN50549-1 EN50549-2	Manual settings	Not required			Type A&B	Not required
Bulgaria	EN50549-1 EN50549-2	Manual settings	Not required			Type A&B	Not required
Croatia	EN50549-1 EN50549-2	Manual settings	Not required			Type A&B	Not required
Cyprus	EN50549-1 VDE4110	CY_<=200kW CY_>200kW	Not required			Type A&B	Not required
Czech Republic	EN50549-1 EN50549-2	P4 PPDS_TypeA P4 PPDS_TypeB	Not required			Type A&B	Not required
Denmark	EN50549-1 EN50549-2	NC RfG DK1_TypeA NC RfG DK2_TypeA	Positive list (requested)			Type A&B	Not required

⁵ In case of installation in IT-grid, please contact Sungrow

NC RfG DK1_TypeB
NC RfG DK2_TypeB

Estonia	EN50549-1 EN50549-2	Manual settings	Elektrilevi			Type A&B	Not required
Finland	EN50549-1 EN50549-2	VJV:2018_TypeA VJV:2018_TypeB	Not required			Type A&B	Not required
France	EN50549-1 & -10 EN50549-2 & -10 C15-712-1	VFR2019	Not required			Type A&B	Not required
Georgia	EN50549-1 EN50549-2	Manual settings	Not required			Type A&B	Not required
Germany	VDE4110	VDE4110	Not required	only for industrial (class A) environment	only for industrial (class A) environment	Type A&B	VDE DigSILENT
Greece Land	EN50549-1 EN50549-2	Greece (Land)	Not required			Type A&B	Not required
Greece Islands (non-interconnected)	EN50549-1 EN50549-2	Greece (Islands)	Not required			Type A&B	Not required
Hungary	EN50549-1 EN50549-2	Hungary	E.ON			Type A&B	Not required
Ireland	EN50549-1 EN50549-2	FWB_TypeA FWB_TypeB	Not required			Type A&B	Not required
Israel	IEC 62109	Israel	SIICR			Type A&B	Not required
Italy	CEI 0-16 CEI 0-21	CEI 0-16 CEI 0-21	Not required			Type A&B	Not required
Latvia	EN50549-1 EN50549-2	Manual settings	Sadalestikls			Type A&B	Not required
Lithuania	EN50549-1 EN50549-2	Manual settings	ESO			Type A&B	Not required
Luxemburg	ILR/E18/43 TypeA&B&C	Manual Settings	NA			Type A&B	Not required
Malta	NA	NA	NA			Type A&B	Not required
Moldova	EN50549-1 EN50549-2	Manual settings	Not required			Type A&B	Not required

Montenegro	EN50549-1 EN50549-2	Manual settings	Not required			Type A&B	Not required
Netherlands	EN50549-1 EN50549-2	NC RfG:NL_TypeA NC RfG:NL_TypeB	Synergrid			Type A&B	Not required
North Macedonia	EN50549-1 EN50549-2	Manual settings	Not required			Type A&B	Not required
Norway ⁶	EN50549-1 EN50549-2	RENB�AND 342_<=30KVA RENB�AND 342_>30KVA NVF 2020_TypeB	Not required			Type A&B	Not required
Poland	NC RfG PSE:2018_TypeA&B	NC RfG PSE:2018_TypeA NC RfG PSE:2018_TypeB	PTPiREE			Type A&B	Not required
Portugal	EN50549-1 EN50549-2	EN50549-1:PT_TypeA EN50549-1:PT_TypeB EN50549-2:PT_TypeA EN50549-2:PT_TypeB	DGEG			Type A&B	Not required
Romania	EN50549-1 EN50549-2	ANRE Ordin	Electrica			Type A&B	Not required
Serbia	EN50549-1 EN50549-2	Manual settings	Not required			Type A&B	Not required
Slovakia	EN50549-1 EN50549-2	Manual settings	ÚRSO			Type A&B	Not required
Slovenia	EN50549-1 EN50549-2	Slovenia_TypeB	SODO			Type A&B	Not required
Spain	UNE 217001 UNE 217002 NTS SEPE 2.1 RD631,413,1699 PO12.3 (revamping)	NTS 631_TypeA NTS 631_TypeB	UFD			Type A&B	NTS DlgSILENT
Spain Island	UNE 217001 UNE 217002 NTS SENP 1.1 RD631,413,1699 PO12.3 (revamping)	NTS 631_TypeA NTS 631_TypeB	UFD			Type A&B	NTS DlgSILENT
Sweden	EN50549-1 EN50549-2	EIFS 2018:2- EnergiForetagen_TypeA EIFS 2018:2- EnergiForetagen_TypeB	Rikta Ratt			Type A&B	Not required
Switzerland	EN50549-1 EN50549-2	NA/EEA:2020 NE7	Not required			Type A&B	VDE DlgSILENT

⁶ In case of installation in IT-grid, please contact Sungrow

Turkey	EN50549-1 EN50549-2	EPDK_AG EPDK_YG	Not required			Type A&B	Not required
Ukraine	EN50549-1 EN50549-2	Ukraine	Not required			Type A&B	Not required
United Kingdom	G99	G99_TypeA G99_TypeB	ENA			Type A&B	Not required

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	V21	INSTALLATION TYPE	SIMULATION MODEL
Albania	EN50549-1 EN50549-2	Manual settings	Not required					Type A&B	Not required
Armenia	EN50549-1 EN50549-2	Manual settings	Not required					Type A&B	Not required
Austria	TOR_TypeA&B+R25	TOR_TypeA TOR_TypeB	Österreichsenergie					Type A&B	Not required
Belgium ⁷	EN50549-1 EN50549-2	C10/C11-TypeA C10/C11-TypeB	Synergrid C10/26					Type A&B	EMT/PSCAD for >Type B
Bosnia	EN50549-1 EN50549-2	Manual settings	Not required					Type A&B	Not required
Bulgaria	EN50549-1 EN50549-2	Manual settings	Not required					Type A&B	Not required
Croatia	EN50549-1 EN50549-2	Manual settings	Not required					Type A&B	Not required
Cyprus	VDE4105 VDE4110	CY_<=200kW CY_>200kW	Not required					Type A&B	Not required
Czech Republic	EN50549-1 EN50549-2	P4 PPDS_TypeA P4 PPDS_TypeB	Not required					Type A&B	Not required
Denmark	EN50549-1 EN50549-2	NC RfG DK1_TypeA NC RfG DK2_TypeA	GPD Positive List					Type A&B	Not required

⁷ In case of installation in IT-grid, please contact Sungrow

NC RfG DK1_TypeB
NC RfG DK2_TypeB

Estonia	EN50549-1 EN50549-2	Manual settings	Elektrilevi	△	△	△	×	Type A&B	Not required
Finland	EN50549-1 EN50549-2	VJV:2018_TypeA VJV:2018_TypeB	Not required	○	○	○	×	Type A&B	Not required
France	EN50549-1 & -10 EN50549-2 & -10 C15-712-1	VFR2019	Not required	△	△	△	×	Type A&B	Not required
Georgia	EN50549-1 EN50549-2	Manual settings	Not required	△	△	△	×	Type A&B	Not required
Germany	VDE4105 VDE4110	VDE4105 VDE4110	Not required	○	○	○	×	Type A&B	VDE DlgSILENT
Greece Land	EN50549-1 EN50549-2	NC RfG:GR Land_TypeA NC RfG:GR Land_TypeB	Not required	△	△	△	×	Type A&B	Not required
Greece Islands (non-interconnected)	EN50549-1 EN50549-2	NC RfG:GR Island_TypeA NC RfG:GR Island_TypeB	Not required	△	△	△	×	Type A&B	Not required
Hungary	EN50549-1 EN50549-2	HUNGARY(HU) HMKE	E.ON	○	○	○	×	Type A&B	Not required
Ireland	EN50549-1 EN50549-2	FWB_TypeA FWB_TypeB	Not required	○	○	○	×	Type A&B	Not required
Israel	IEC 62109	Israel	SIICR	○	○	○	×	Type A&B	Not required
Italy	CEI 0-16 CEI 0-21	CEI 0-16 CEI 0-21	Not required	○	○	○	×	Type A&B	Not required
Latvia	EN50549-1 EN50549-2	Manual settings	Sadalestikls	△	△	△	×	Type A&B	Not required
Lithuania	EN50549-1 EN50549-2	Manual settings	ESO	△	△	△	×	Type A&B	Not required
Luxemburg	ILR/E18/43 TypeA&B&C	Manual Settings	NA	△	△	△	×	Type A&B	Not required
Malta	NA	NA	NA	×	×	×	×	Type A&B	Not required
Moldova	EN50549-1 EN50549-2	Manual settings	Not required	△	△	△	×	Type A&B	Not required

Montenegro	EN50549-1 EN50549-2	Manual settings	Not required	△	△	△	✗	Type A&B	Not required
Netherlands	EN50549-1 EN50549-2	NC RfG:NL_TypeA NC RfG:NL_TypeB	Synergrid	○	○	○	✗	Type A&B	Not required
Northern Ireland	G99NI TypeB	G99	ENA	○	○	○	○	Type B	Not required
North Macedonia	EN50549-1 EN50549-2	Manual settings	Not required	△	△	△	✗	Type A&B	Not required
Norway ⁸	EN50549-1 EN50549-2	RENB LAND 342 <=30KVA RENB LAND 342 >30KVA NVF 2020_TypeB	Not required	○	○	○	✗	Type A&B	Not required
Poland	NC RfG PSE:2018_TypeA&B	NC RfG PSE:2018_TypeA NC RfG PSE:2018_TypeB	PTPiREE	○	○	○	✗	Type A&B	Not required
Portugal	EN50549-1 EN50549-2	EN50549-1:PT_TypeA EN50549-1:PT_TypeB EN50549-2:PT_TypeA EN50549-2:PT_TypeB	DGEG	○	○	○	✗	Type A&B	Not required
Romania	EN50549-1 EN50549-2	ANRE Ordin	Electrica	○	○	○	✗	Type A&B	Not required
Serbia	EN50549-1 EN50549-2	Manual settings	Not required	△	△	△	✗	Type A&B	Not required
Slovakia	EN50549-1 EN50549-2	Manual settings	ÚRSO	△	△	△	✗	Type A&B	Not required
Slovenia	EN50549-1 EN50549-2	Slovenia_TypeB	SODO	○	○	○	✗	Type A&B	Not required
Spain	UNE 217001 UNE 217002 NTS SEPE 2.1 RD631,413,1699	NTS 631_TypeA NTS 631_TypeB	UFD	○	○	○	✗	Type A&B	NTS DIgSILENT
Spain Island	UNE 217001 UNE 217002 NTS SENP 1.1 RD631,413,1699	NTS 631_TypeA NTS 631_TypeB	UFD	○	○	○	✗	Type A&B	NTS DIgSILENT
Sweden	EN50549-1 EN50549-2	EIFS 2018:2- EnergiForetagen_TypeA EIFS 2018:2- EnergiForetagen_TypeB	Rikta Ratt	○	○	○	✗	Type A&B	Not required
Switzerland	EN50549-1 EN50549-2	NA/EEA:2020 NE7	Not required	○	○	○	✗	Type A&B	VDE DIgSILENT

⁸ In case of installation in IT-grid, please contact Sungrow

Turkey	EN50549-1 EN50549-2	EPDK_AG EPDK_YG	Not required					Type A&B	Not required
Ukraine	EN50549-1 EN50549-2	Ukraine	Not required					Type A&B	Not required
United Kingdom	G99 TypeA&B G100	G99	ENA					Type A&B	Not required

Battery SBR064*-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

*** SBR064 is now compatible with both SHRS and SHRT**

COUNTRY	INVERTER	COMMENT	STATUS
Albania	SH15-25T SHRT	Manual Settings	
Armenia	SH15-25T SHRT SHRS	Manual Settings	
Austria ⁹	SH15-25T SHRT	NA	
Belgium	SH15-25T SHRT SHRS	NA	
Bosnia	SH15-25T SHRT	Manual Settings	
Bulgaria	SH15-25T SHRT SHRS	Manual Settings	
Croatia	SH15-25T SHRT	Manual Settings	
Cyprus	SH15-25T SHRT SHRS	Manual Settings	
Czech Republic	SH15-25T SH5-12T	Manual Settings	

⁹ Accreditation of SBR064 with SHRT is pending in Austria

Denmark	SHRT-V112/-20-V11	NA	○
Estonia	SH15-25T SHRT	Manual Settings	△
Finland	SH15-25T SHRT	Manual Settings	△
France	SHRS	Manual Settings	△
Georgia	SH15-25T SHRT SHRS	Manual Settings	△
Germany	SH15-25T SHRT	NA	○
Greece	SH15-25T SHRT SHRS	NA	○
Hungary	SHRT	Manual Settings	△
Ireland	SH15-25T SHRT SHRS	NA	○
Israel	SH15-25T SHRT	Manual Settings	△
Italy ¹⁰	SH15-25T SHRT-V11/ -20-V11 SHRS	NA	○
Latvia	SH15-25T SHRT SHRS	Manual Settings	△
Lithuania	SH15-25T SHRT SHRS	Manual Settings	△
Luxemburg	SH15-25T SHRT	Manual Settings	△
Malta	NA	NA	✗
Moldova	SH15-25T SHRT SHRS	Manual Settings	△

¹⁰ SBR064 with SHRT is not certified in Italy, nether is battery parallel solution with Y-connector

Montenegro	SH15-25T SHRT SHRS	Manual Settings	△
Netherlands	SH15-25T SHRT SHRS	NA	○
North Macedonia	SH15-25T SHRT SHRS	NA	○
Northern Ireland	SHRS	NA	○
Norway	SH15-25T SHRT	Manual Settings	△
Poland	SH15-25T SHRT	NA	○
Portugal	SH15-25T SHRT SHRS	NA	○
Romania	SH15-25T SHRT SHRS	Manual Settings	△
Serbia	SH15-25T SHRT SHRS	Manual Settings	△
Slovakia	NA	NA	×
Slovenia	SH15-25T SHRT	Manual Settings	△
Spain	SH15-25T SHRT-20-V11 SHRS	NA	○
Sweden	SH15-25T SHRT	NA	○
Switzerland	SH15-25T SHRT	NA	○
Turkey	SH15-25T SHRT	Manual Settings	△
Ukraine	SH15-25T SHRT SHRS	Manual Settings	△
United Kingdom	SHRS	NA	○

Battery SBR050

-  — 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
Romania	SHRS	Manual Settings	
Ukraine	SHRS	Manual Settings	

Battery SBS050

○ — 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
Italy	SHRS	NA	○
Romania	SHRS	Manual Settings	△
Spain	SHRS	NA	○
Ukraine	SHRS	Manual Settings	△

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	SH15-25T	Manual Settings	△
Armenia	SH15-25T	Manual Settings	△
Austria	SH15-25T	NA	○
Belgium	SH15-25T	NA	○
Bosnia	SH15-25T	Manual Settings	△
Bulgaria	SH15-25T	Manual Settings	△
Croatia	SH15-25T	Manual Settings	△
Cyprus	SH15-25T	Manual Settings	△
Czech Republic	SH15-25T SH5-12T	Manual Settings	△
Denmark	NA	NA	✗

Estonia	SH15-25T	Manual Settings	△
Finland	SH15-25T	Manual Settings	△
France	NA	NA	×
Georgia	SH15-25T	Manual Settings	△
Germany	SH15-25T	NA	○
Greece	SH15-25T	NA	○
Hungary	NA	NA	×
Ireland	SH15-25T	NA	○
Israel	SH15-25T	Manual Settings	△
Italy ¹¹	SH15-25T	NA	○
Latvia	SH15-25T	Manual Settings	△
Lithuania	SH15-25T	Manual Settings	△
Luxemburg	SH15-25T	Manual Settings	△
Malta	NA	NA	×
Moldova	SH15-25T	Manual Settings	△
Montenegro	SH15-25T	Manual Settings	△

¹¹ SBH battery parallel solution with Y-connector is not certified yet in Italy

Netherlands	SH15-25T	NA	○
North Macedonia	SH15-25T	Manual Settings	△
Norway	SH15-25T	Manual Settings	△
Poland	SH15-25T	NA	○
Portugal	SH15-25T	Manual Settings	△
Romania	SH15-25T	Manual Settings	△
Serbia	SH15-25T	Manual Settings	△
Slovakia	NA	NA	×
Slovenia	SH15-25T	Manual Settings	△
Spain	SH15-25T	NA	○
Sweden	SH15-25T	NA	○
Switzerland	SH15-25T	NA	○
Turkey	SH15-25T	Manual Settings	△
Ukraine	SH15-25T	Manual Settings	△
United Kingdom	NA	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	✗	✗
Armenia	SHRS	AC007E-01	△	△
Austria	NA	NA	✗	✗
Belgium	SHRS	AC007E-01	○	○
Bosnia	NA	NA	✗	✗
Bulgaria	SHRS	AC007E-01	△	△
Croatia	NA	NA	✗	✗

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

Moldova	SHRS	AC007E-01	△	△
Montenegro	SHRS	AC007E-01	△	△
Netherlands	SHRS	AC007E-01	○	○
North Macedonia	SHRS	AC007E-01	△	△
Northern Ireland	SHRS	AC007UK-01	○	○
Norway	NA	NA	×	×
Poland	NA	NA	×	×
Portugal	SHRS	AC007E-01	○	○
Romania	SHRS	AC007E-01	△	△
Serbia	SHRS	AC007E-01	△	△
Slovakia	NA	NA	×	×
Slovenia	NA	NA	×	×
Spain	SHRS	AC007E-01	○	○
Sweden	NA	NA	×	×
Switzerland	NA	NA	×	×
Turkey	NA	NA	×	×
Ukraine	SHRS	AC007E-01	△	△
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	SHRT-V11	SHRT-V112	SHRT-20
Albania	SHRT	AC011E-01	△	△	△
Armenia	SHRT	AC011E-01	△	△	△
Austria	SHRT	AC011E-01	○	○	○
Belgium	SHRT	AC011E-01	○	○	○
Bosnia	SHRT	AC011E-01	△	△	△
Bulgaria	SHRT	AC011E-01	△	△	△
Croatia	SHRT	AC011E-01	△	△	△

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

Moldova	SHRT	AC011E-01	△	△	△
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	SHRT	AC011E-01	×	×	○
Sweden	SHRT	AC011E-01	○	○	○
Switzerland	SHRT	AC011E-01	○	○	○
Turkey	SHRT	AC011E-01	△	△	△
Ukraine	SHRT	AC011E-01	△	△	△
United Kingdom	NA	NA	×	×	×

AC-Charger AC22E-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	SHRT-V11	SHRT-V112	SHRT-20
Albania	SHRT	AC22E-01			
Armenia	SHRT	AC22E-01			
Austria	SHRT	AC22E-01			
Belgium	SHRT	AC22E-01			
Bosnia	SHRT	AC22E-01			
Bulgaria	SHRT	AC22E-01			
Croatia	SHRT	AC22E-01			

Cyprus	SHRT	AC22E-01	△	△	△
Czech Republic	NA	NA	×	×	×
Denmark	SHRT	AC22E-01	×	○	○
Estonia	SHRT	AC22E-01	△	△	△
Finland	SHRT	AC22E-01	△	△	△
France	NA	NA	×	×	×
Georgia	SHRT	AC22E-01	△	△	△
Germany	SHRT	AC22E-01	○	○	○
Greece	SHRT	AC22E-01	○	○	○
Hungary	SHRT	AC22E-01	△	△	△
Ireland	SHRT	AC22E-01	○	○	○
Israel	SHRT	AC22E-01	△	△	△
Italy	SHRT	AC22E-01	○	×	○
Latvia	SHRT	AC22E-01	△	△	△
Lithuania	SHRT	AC22E-01	△	△	△
Luxemburg	SHRT	AC22E-01	△	△	△
Malta	NA	NA	×	×	×

Moldova	SHRT	AC22E-01	△	△	△
Montenegro	SHRT	AC22E-01	△	△	△
Netherlands	SHRT	AC22E-01	○	○	○
North Macedonia	SHRT	AC22E-01	△	△	△
Norway	SHRT	AC22E-01	△	△	△
Poland	SHRT	AC22E-01	○	○	○
Portugal	SHRT	AC22E-01	○	○	○
Romania	SHRT	AC22E-01	△	△	△
Serbia	SHRT	AC22E-01	△	△	△
Slovakia	NA	NA	×	×	×
Slovenia	SHRT	AC22E-01	△	△	△
Spain	SHRT	AC22E-01	×	×	○
Sweden	SHRT	AC22E-01	○	○	○
Switzerland	SHRT	AC22E-01	○	○	○
Turkey	SHRT	AC22E-01	△	△	△
Ukraine	SHRT	AC22E-01	△	△	△
United Kingdom	NA	NA	×	×	×

Optimizer SP600S

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

COUNTRY	COMPATIBLE RESIDENTIAL INVERTER	COMPATIBLE C&I INVERTER	VERSION	STATUS
Albania	SGRS-V13	NA	SP600S	
Armenia	SGRS-V13 SHRS-V13	NA	SP600S	
Austria	NA	NA	SP600S	
Belgium	SGRS-V13 SHRS-V13	NA	SP600S	
Bosnia	SGRS-V13	NA	SP600S	
Bulgaria	SGRS-V13 SHRS-V13	NA	SP600S	
Croatia	SGRS-V13	NA	SP600S	
Cyprus	SGRS-V13 SHRS-V13	NA	SP600S	
Czech Republic	NA	NA	SP600S	
Denmark	NA	NA	SP600S	
Estonia	NA	NA	SP600S	

Finland	NA	NA	SP600S	✗
France	SGRS-V13 SHRS-V13	NA	SP600S	○
Georgia	SGRS-V13 SHRS-V13	NA	SP600S	○
Germany	NA	NA	SP600S	✗
Greece	SGRS-V13 SHRS-V13	NA	SP600S	○
Hungary	SGRS-V13	NA	SP600S	○
Ireland	SGRS-V13 SHRS-V13	NA	SP600S	○
Israel	SGRS-V13	NA	SP600S	○
Italy	SGRS-V13 SHRS-V13	NA	SP600S	○
Latvia	SGRS-V13 SHRS-V13	NA	SP600S	○
Lithuania	SGRS-V13	NA	SP600S	○
Luxemburg	NA	NA	SP600S	✗
Malta	NA	NA	SP600S	✗
Moldova	SGRS-V13 SHRS-V13	NA	SP600S	○
Montenegro	SGRS-V13 SHRS-V13	NA	SP600S	○
Netherlands	SGRS-V13 SHRS-V13	NA	SP600S	○
North Macedonia	SGRS-V13 SHRS-V13	NA	SP600S	○

Northern Ireland	SGRS-V13 SHRS-V13	NA	SP600S	○
Norway	NA	NA	SP600S	×
Poland	SGRS-V13	NA	SP600S	○
Portugal	SGRS-V13 SHRS-V13	NA	SP600S	○
Romania	SGRS-V13	NA	SP600S	○
Serbia	SGRS-V13 SHRS-V13	NA	SP600S	○
Slovakia	NA	NA	SP600S	×
Slovenia	SGRS-V13	NA	SP600S	○
Spain	SGRS-V13 SHRS-V13	NA	SP600S	○
Sweden	NA	NA	SP600S	×
Switzerland	NA	NA	SP600S	×
Turkey	NA	NA	SP600S	×
Ukraine	SGRS-V13 SHRS-V13	NA	SP600S	○
United Kingdom	SGRS-V13 SHRS-V13	NA	SP600S	○

Microinverter S450/800/1600S

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

COUNTRY	CERTIFICATION	COUNTRY CODE (iSolarCloud)	ACCREDITATION	ROOFTOP VERSION ¹² (S450/800/1600S)	BALCONY VERSION (S450/800S)
Albania	NA	NA	NA	×	×
Armenia	NA	NA	NA	×	×
Austria	NA	NA	NA	×	×
Belgium	Belgium C10/11	Netherlands(NL) NCRfG NL	Synergrid C10/26		×
Bosnia	NA	NA	NA	×	×
Bulgaria	NA	NA	NA	×	×
Croatia	NA	NA	NA	×	×
Cyprus	NA	NA	NA	×	×
Czech Republic	NA	NA	NA	×	×

¹² As for rooftop solution, the compatibility with iHomeManager, where iHomeManager will be used for consumption monitoring, is feasible.

Denmark	NA	NA	NA	×	×
Estonia	EN50549-1	Manual settings	Elektrilevi	△	×
Finland	NA	NA	NA	×	×
France	EN50549-1 & -10 C15-712-1	France	Not required	○	○
Georgia	NA	NA	NA	×	×
Germany	VDE4105	Germany	Not required	○	○
Greece	NA	NA	NA	×	×
Hungary	NA	NA	NA	×	×
Ireland	NA	NA	NA	×	×
Israel	IEC 62109-1: 2010	Manual settings	Not required	△	△
Italy	CEI 0-21	Italy(IT) CEI 0-21:2019	Not required	○	×
Latvia	EN50549-1	Manual settings	Sadalestikls	△	×
Lithuania	EN50549-1	Manual settings	Not required	△	×
Luxemburg	ILR/E18/43 TypeA	Netherlands(NL) NCRfG NL	NA	△	×
Malta	NA	NA	NA	×	×
Moldova	NA	NA	NA	×	×
Montenegro	NA	NA	NA	×	×

Netherlands	EN50549-1	Netherlands(NL) NCRfG NL	Synergrid C10/26	○	×
North Macedonia	NA	NA	NA	×	×
Norway	NA	NA	NA	×	×
Poland	Poland(NC RfG PTPIREE) TypeA	Poland (PL) NC RfG PSE:2018	PTPIREE	○	×
Portugal	VDE4105	Manual Settings	DGEG <i>pending</i>	×	×
Romania	NA	NA	NA	×	×
Serbia	NA	NA	NA	×	×
Slovakia	NA	NA	NA	×	×
Slovenia	NA	NA	NA	×	×
Spain	UNE 217002 NTS SEPE 2.1 RD631,413,1699	Spain	Not required	○	×
Sweden	NA	NA	NA	×	×
Switzerland	NA	NA	NA	×	×
Turkey	NA	NA	NA	×	×
Ukraine	NA	NA	NA	×	×
United Kingdom	NA	NA	NA	×	×

Conformity to the essential requirements of the legislation(s) have been demonstrated by using the following standards:

Health and Safety (RED, Art. 3(1)(a))	EN IEC 62368-1: 2018
	EN IEC 61010-1: 2010
	EN IEC 62311: 2020
EMC (RED, Art. 3(1)(b))	EN 301 489-1
	EN 301 489-17
	EN IEC 61326-1: 2021
Spectrum (RED, Art. 3(2))	EN 300 328
RoHs	EN IEC 63000: 2018
Cyber Security	EN 303645: 2020

As for UK, PSTI will be additionally required, which is currently ongoing.

The status of iHomeManager for a specific country will depend on the status of compatible residential Hybrid/Grid inverters and AC charger in this country. Please refer to Compatibility Factsheet for compatibility information, and refer to above pages for residential Hybrid/Grid inverters and AC charger status.