

		PV Inverter					
	Model	X1-Mini G2/G2.1	X1-Mini G3	X1-Boost G3	X1-Boost G3. 2/3. 3	X1-Smart G1.1	
Country&Area	ARM provided safety code						
Germany	0	VDE0126	VDE0126	VDE0126	VDE0126	VDE0126	
Germany	1	VDE4105	VDE4105	VDE4105	VDE4105	VDE4105	
Germany		VDE4110					
Australia	2	AS 4777_2020_A	AS 4777_2020_A	AS 4777_2020_A	AS 4777_2020_A	AS 4777_2020_A	AS 4777_2020_A
UK	3	G98/1	G98/1	G98/1	G98/1	G98/1	
Belgium	4	C10/11	C10/11	C10/11	C10/11	C10/11	
Austria	5	TOR	TOR	TOR	TOR	TOR	
Netherlands	6	EN50549_NL	EN50549_NL	EN50549_NL	EN50549_NL	EN50549_NL	EN50549_NL
West Denmark	7	Denmark2019_W	Denmark2019_W	Denmark2019_W			
Mauritius	8	CEB					
Cyprus	9	Cyprus2019	Cyprus2019	Cyprus2019	Cyprus2019	Cyprus2019	
South Africa	10	NRS097_2_1					
Greece	11	VDE0126_Greece					
France	12	UTE_C15_712	UTE_C15_712	UTE_C15_712	UTE_C15_712	UTE_C15_712	
IEC	13	IEC61727	IEC61727	IEC61727	IEC61727	IEC61727	
UK	14	G99/1			G99/1	G99/1	
China	15	CQC				CQC	
Greece Island	16	VDE0126_Gr_Is					
France Island 50H	17	C15_712_Is_50	C15_712_Is_50	C15_712_Is_50	C15_712_Is_50	C15_712_Is_50	
France Island 60H	18	C15_712_Is_60	C15_712_Is_60	C15_712_Is_60	C15_712_Is_60	C15_712_Is_60	
Guyana	19	Guyana	Guyana	Guyana	Guyana	Guyana	
Thailand	20	MEA_Thailand		MEA_Thailand	MEA_Thailand	MEA_Thailand	
Thailand	21	PEA_Thailand		PEA_Thailand	PEA_Thailand	PEA_Thailand	
New Zealand	22	New Zealand	New Zealand	New Zealand	New Zealand	New Zealand	New Zealand
Ireland	23	Ireland	Ireland	Ireland	Ireland	Ireland	
Italy	24	CEI0_21	CEI0_21	CEI0_21	CEI0_21	CEI0_21	
Spain	25	Spain	Spain	Spain	Spain	Spain	
Sweden	26	EN50549_Sweden	EN50549_Sweden	EN50549_Sweden	EN50549_Sweden	EN50549_Sweden	
Poland	27	EN50549_Poland	EN50549_Poland	EN50549_Poland	EN50549_Poland	EN50549_Poland	
Czech PPDS	28	Czech_2021_1	Czech_2021_1	Czech_2021_1	Czech_2021_1	Czech_2021_1	≤16A
Czech PPDS		Czech_2021_2		Czech_2021_2		Czech_2021_2	>16A
Norway	29	EN50549_Norway	EN50549_Norway	EN50549_Norway	EN50549_Norway	EN50549_Norway	
Portugal	30	EN50549_Portug	EN50549_Portug	EN50549_Portug	EN50549_Portug	EN50549_Portug	
Customized	31	User-Defined		User-Defined		User-Defined	User-Defined
Brazil 220V	32	Brazil_220V		Brazil_220V	Brazil_220V	Brazil_220V	Brazil_220V
Czech (Removed later)	33	Czech_CEZ					
Chile	34	Chile 2021	Chile 2021	Chile 2021	Chile 2021	Chile 2021	
Chile		Chile2021 MT_R		Chile2021 MT_R		Chile2021 MT_R	
Chile		Chile2021 MT_U		Chile2021 MT_U		Chile2021 MT_U	
Sri Lanka	35	Sri Lanka	Sri Lanka	Sri Lanka	Sri Lanka	Sri Lanka	
Brazil 240V	36	Brazil_240V		Brazil_240V	Brazil_240V	Brazil_240V	Brazil_240V
Slovakia	37	EN50549_SK	EN50549_SK	EN50549_SK	EN50549_SK	EN50549_SK	
EU	38	EN50549_EU	EN50549_EU	EN50549_EU	EN50549_EU	EN50549_EU	
EU		EN50549-2					
North Ireland	39	G98/NI-1					
North Ireland		G99/NI-1					
East Denmark	40	Denmark2019_E	Denmark2019_E	Denmark2019_E			
Spain Island	41	Spain_Island		Spain_Island		Spain_Island	
Romania	42	EN50549_Romania			EN50549_Romania	EN50549_Romania	
Philippines	43	Philippines60Hz				Philippines60Hz	
Mexico	44	Mexico				Mexico	Mexico
Australia	45	AS 4777_2020_B		AS 4777_2020_B		AS 4777_2020_B	AS 4777_2020_B
Australia	46	AS 4777_2020_C		AS 4777_2020_C		AS 4777_2020_C	AS 4777_2020_C
Italy	49	ACEA		ACEA		ACEA	
France (Removed later)	50	France_VFR2014					
Italy	51	CEI0_16					
Isreal	52	Israel					
Surinam	53	Suriname					
Slovenia		Slovenia					
Bulgaria		Bulgaria					
Indonesia		Indonesia					

		PV Inverter						
Country&Area	ARM	Model	X3-MIC G1.1	X3-MIC Pro G1.1	X3-MIC G2	X3-Pro G2	X3-MEGA G2	X3-FORTH
Germany	0	VDE0126	VDE0126	VDE0126				
Germany	1	VDE4105	VDE4105	VDE4105	VDE4105	VDE4105		VDE4105
Germany		VDE4110						
Australia	2	AS 4777_2020_A	AS4777	AS4777	AS 4777_2020_A	AS 4777_2020_A		
UK	3	G98/1	G98/1	G98/1	G98/1	G98/1		
Belguim	4	C10/11	C10/11	C10/11				
Austria	5	TOR			TOR	TOR		
Netherlands	6	EN50549_NL	EN50549_NL	EN50549_NL				
West Denmark	7	Denmark2019_W	Denmark2019_W	Denmark2019_W	Denmark2019_W	Denmark2019_W		
Mauritius	8	CEB						
Cyprus	9	Cyprus2019	Cyprus2019	Cyprus2019				
South Africa	10	NRS097_2_1	NRS097_2_1	NRS097_2_1	NRS097_2_1	NRS097_2_1	NRS097_2_1	
Greece	11	VDE0126_Greece						
France	12	UTE_C15_712	UTE_C15_712		UTE_C15_712	UTE_C15_712	UTE_C15_712	UTE_C15_712
IEC	13	IEC61727	IEC61727	IEC61727	IEC61727	IEC61727	IEC61727	IEC61727
UK	14	G99/1		G99/1	G99/1	G99/1	G99/1	G99/1
China	15	CQC	CQC	CQC	CQC	CQC		CQC
Greece Island	16	VDE0126_Gr_Is						
France Island 60Hz	17	C15_712_Is_50	C15_712_Is_50		C15_712_Is_50	C15_712_Is_50	C15_712_Is_50	C15_712_Is_50
France Island 60Hz	18	C15_712_Is_60	C15_712_Is_60		C15_712_Is_60	C15_712_Is_60	C15_712_Is_60	C15_712_Is_60
Guyana	19	Guyana	Guyana		Guyana	Guyana	Guyana	Guyana
Thiland	20	MEA_Thailand	MEA_Thailand		MEA_Thailand	MEA_Thailand		
Thiland	21	PEA_Thailand	PEA_Thailand		PEA_Thailand	PEA_Thailand		
New Zealand	22	New Zealand	New Zealand	New Zealand	New Zealand	New Zealand		
Ireland	23	Ireland						
Italy	24	CEI0_21	CEI0_21		CEI0_21	CEI0_21		
Spain	25	Spain	Spain	Spain	Spain	Spain	Spain	
Sweden	26	EN50549_Sweden	EN50549_Sweden	EN50549_Sweden	EN50549_Sweden	EN50549_Sweden		
Poland	27	EN50549_Poland	EN50549_Poland	EN50549_Poland	EN50549_Poland	EN50549_Poland	EN50549_Poland	
Czech PPDS	28	Czech_2021_1	Czech_2021_1	Czech_2021_1	Czech_2021_1	Czech_2021_1		
Czech PPDS		Czech_2021_2			Czech_2021_2	Czech_2021_2		
Norway	29	EN50549_Norway						
Portugal	30	EN50549_Portug	EN50549_Portug	EN50549_Portug				
Customized	31	User-Defined	User-Defined	User-Defined	User-Defined	User-Defined		
Brazil 220V	32	Brazil_220V			Brazil_220V	Brazil_220V	Brazil_220V	Brazil_220V
Czech (Removed later)	33	Czech_CEZ						
Chile	34	Chile 2021	Chile 2021	Chile 2021	Chile 2021	Chile 2021		
Chile		Chile2021_MT_R			Chile2021_MT_R	Chile2021_MT_R		
Chile		Chile2021_MT_U			Chile2021_MT_U	Chile2021_MT_U		
Sri Lanka	35	Sri Lanka	Sri Lanka	Sri Lanka				
Brazil 240V	36	Brazil_240V						
Slovakia	37	EN50549_SK						
EU	38	EN50549_EU	EN50549_EU	EN50549_EU	EN50549_EU	EN50549_EU	EN50549_EU	
EU		EN50549-2						
North Ireland	39	G98/NI-1						
North Ireland		G99/NI-1						
East Denmark	40	Denmark2019_E		Denmark2019_E	Denmark2019_E	Denmark2019_E		
Spain Island	41	Spain_Island		Spain_Island				
Romania	42	EN50549_Romania			EN50549_Romania	EN50549_Romania		
Philippines	43	Philippines60Hz						
Mexico	44	Mexico						
Australia	45	AS 4777_2020_B			AS 4777_2020_B	AS 4777_2020_B		
Australia	46	AS 4777_2020_C			AS 4777_2020_C	AS 4777_2020_C		
Italy	49	ACEA						
France (Removed later)	50	France_VFR2014						
Italy	51	CEI0_16			CEI0_16	CEI0_16		
Isreal	52	Israel						
Surinam	53	Suriname						
Slovenia		Slovenia						
Bulgaria		Bulgaria						
Indonesia		Indonesia						

<=16A  
>16A

		Energy Storage Inverter					
		Model	X1-Hybrid G3	X1-Hybrid G4	X3-Hybrid G2	X3-Hybrid G4	X1-Hybrid-LV
Country&Area	ARM	provided safety code					
Germany	0	VDE0126	VDE0126		VDE0126		
Germany	1	VDE4105	VDE4105		VDE4105	VDE4105	
Germany		VDE4110					
Australia	2	AS 4777_2020_A	AS 4777_2020_A	AS 4777_2020_A	AS4777_AU	AS 4777_2020_A	
UK	3	G98/1	G98/1		G98/1	G98/1	
Belgium	4	C10/11	C10/11	C10/11	C10/11	C10/11	
Austria	5	TOR			TOR	TOR	
Netherlands	6	EN50549_NL	EN50549_NL		EN50549_NL		
West Denmark	7	Denmark2019_W	Denmark2019_W		Denmark2019_W	Denmark2019_W	
Mauritius	8	CEB					
Cyprus	9	Cyprus2019					
South Africa	10	NRS097_2_1	NRS097_2_1	NRS097_2_1	NRS097_2_1	NRS097_2_1	
Greece	11	VDE0126_Greece					
France	12	UTE_C15_712	UTE_C15_712	UTE_C15_712	UTE_C15_712	UTE_C15_712	
IEC	13	IEC61727	IEC61727	IEC61727		IEC61727	
UK	14	G99/1	G99/1	G99/1	G99/1	G99/1	
China	15	CQC					
Greece Island	16	VDE0126_Gr_Is					
France Island 50Hz	17	C15_712_Is_50	C15_712_Is_50	C15_712_Is_50	C15_712_Is_50	C15_712_Is_50	
France Island 60Hz	18	C15_712_Is_60	C15_712_Is_60	C15_712_Is_60	C15_712_Is_60	C15_712_Is_60	
Guyana	19	Guyana	Guyana	Guyana		Guyana	
Thailand	20	MEA_Thailand		MEA_Thailand		MEA_Thailand	
Thailand	21	PEA_Thailand		PEA_Thailand		PEA_Thailand	
New Zealand	22	New Zealand	New Zealand	New Zealand	New Zealand	New Zealand	
Ireland	23	Ireland					
Italy	24	CEI0_21	CEI0_21	CEI0_21	CEI0_21	CEI0_21	
Spain	25	Spain	Spain	Spain	Spain	Spain	
Sweden	26	EN50549_Sweden			EN50549_Sweden	EN50549_Sweden	
Poland	27	EN50549_Poland		EN50549_Poland	EN50549_Poland	EN50549_Poland	
Czech PPDS	28	Czech_2021_1	Czech_2021_1	Czech_2021_1	Czech_2021_1	Czech_2021_1	≤16A
Czech PPDS		Czech_2021_2				Czech_2021_2	>16A
Norway	29	EN50549_Norway					
Portugal	30	EN50549_Portug			EN50549_Portug		
Customized	31	User-Defined	User-Defined	User-Defined		User-Defined	
Brazil 220V	32	Brazil_220V					
Czech (Removed later)	33	Czech_CEZ					
Chile	34	Chile 2021	Chile 2021	Chile 2021	Chile 2021	Chile 2021	
Chile		Chile2021 MT_R		Chile2021 MT_R		Chile2021 MT_R	
Chile		Chile2021 MT_U		Chile2021 MT_U		Chile2021 MT_U	
Sri Lanka	35	Sri Lanka					
Brazil 240V	36	Brazil_240V					
Slovakia	37	EN50549_SK					
EU	38	EN50549_EU	EN50549_EU	EN50549_EU	EN50549_EU	EN50549_EU	
EU		EN50549-2					
North Ireland	39	G98/NI-1					
North Ireland		G99/NI-1					
East Denmark	40	Denmark2019_E	Denmark2019_E		Denmark2019_E	Denmark2019_E	
Spain Island	41	Spain_Island		Spain_Island	UNE_206		
Romania	42	EN50549_Romania	EN50549_Romania	EN50549_Romania	EN50549_Romania	EN50549_Romania	
Philippines	43	Philippines60Hz	Philippines60Hz		Philippines60Hz		
Mexico	44	Mexico					
Australia	45	AS 4777_2020_B	AS 4777_2020_B	AS 4777_2020_B		AS 4777_2020_B	
Australia	46	AS 4777_2020_C	AS 4777_2020_C	AS 4777_2020_C		AS 4777_2020_C	
Italy	49	ACEA		ACEA	ACEA	ACEA	
France (Removed later)	50	France_VFR2014			France_VFR2014		
Italy	51	CEI0_16			CEI0_16	CEI0_16	
Israel	52	Israel			Israel		
Surinam	53	Suriname			Suriname		
Slovenia		Slovenia					
Bulgaria		Bulgaria					
Indonesia		Indonesia					

France, AU, Spain safety code cannot match on X3-Hybrid G2, currently do not modify 2022/8/22; Parameters in France VFR2014 cannot match with current Guyana; AU does not have the recent certification, only has two safety regulations; Spain  
Brazil\_220V: nominal voltage and frequency 220V, 60Hz  
IEC61727: nominal voltage and frequency 230V, 50Hz