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**LISTA INVERTOARELOR PENTRU CARE AU FOST TRANSMISE LA DEER
DOCUMENTE DE CERTIFICARE CONFORM STANDARDELOR PÂNĂ LA 17.01.2023**

DENUMIRE INVERTOR	TIP INVERTOR	STANDARDE DE CONFORMITATE APLICABILE
HUAWEI	SUN2000L-2KTL	EN 50549-1:2019
	SUN2000-2KTL-L1	
	SUN2000L-3KTL	
	SUN2000-3KTL-L1	
	SUN2000L-3,68KTL	
	SUN2000-3,68KTL-L1	
	SUN2000L-4KTL	
	SUN2000-4KTL-L1	
	SUN2000L-4,6KTL	
	SUN2000-4,6KTL-L1	
	SUN2000L-5KTL	
	SUN2000-5KTL-L1	
	SUN2000-6KTL-L1	
	SUN2000-2KTL-L0	
	SUN2000-3KTL-L0	
	SUN2000-4KTL-L0	
	SUN2000-5KTL-L0	
	SUN2000-3KTL-M0	
	SUN2000-4KTL-M0	
	SUN2000-5KTL-M0	
	SUN2000-6KTL-M0	
	SUN2000-8KTL-M0	
	SUN2000-10KTL-M0	
	SUN2000-3KTL-M1	
	SUN2000-4KTL-M1	
	SUN2000-5KTL-M1	
	SUN2000-6KTL-M1	
	SUN2000-8KTL-M1	
	SUN2000-10KTL-M1	
	SUN2000-12KTL-M0	
	SUN2000-15KTL-M0	
	SUN2000-17KTL-M0	
	SUN2000-20KTL-M0	
SUN2000-8KTL-M2		
SUN2000-10KTL-M2		
SUN2000-12KTL-M2		
SUN2000-15KTL-M2		
SUN2000-17KTL-M2		

	SUN2000-20KTL-M2	
	SUN2000-50KTL-M0	
	SUN2000-60KTL-M0	
	SUN2000-100KTL-M1	
	SUN2000-15KTL-M3	
	SUN2000-17KTL-M3	
	SUN2000-20KTL-M3	
	SUN2000-23KTL-M3	
	SUN2000-30KTL-M3	
	SUN2000-36KTL-M3	
	SUN2000-40KTL-M3	
	SUN2000-50KTL-M3	
	SUN2000-100KTL-M1	
	SUN2000-100KTL-H1	
	SUN2000-105KTL-H1	
	SUN2000-168KTL-H1	
	SUN2000-185KTL-H1	
	SUN2000-200KTL-H2	
	SUN2000-215KTL-H0	
		EN 50549-2:2019
	KACO blueplanet 3.0 TL3 M2 WM OD IIG0	
	KACO blueplanet 4.0 TL3 M2 WM OD IIG0	
	KACO blueplanet 5.0 TL3 M2 WM OD IIG0	
	KACO blueplanet 6.5 TL3 M2 WM OD IIG0	
	KACO blueplanet 7.5 TL3 M2 WM OD IIG0	
	KACO blueplanet 8.6 TL3 M2 WM OD IIG0	
	KACO blueplanet 9.0 TL3 M2 WM OD IIG0	
	KACO blueplanet 10.0 TL3 M2 WM OD IIG0	
	KACO blueplanet 50.0 TL3 M1 WM OD IIGB	
	KACO blueplanet 50.0 TL3 M1 WM OD IIGM	
	KACO blueplanet 50.0 TL3 M1 WM OD HUGM	
	KACO blueplanet 50.0 TL3 M1 WM OD IIGS	
	KACO blueplanet 50.0 TL3 M1 WM OD IIGX	
	KACO blueplanet 50.0 TL3 M1 WM OD FRGX	
	KACO blueplanet 50.0 TL3 M1 WM OD HUGX	
	KACO blueplanet 50.0 TL3 M1 WM OD JPGX	
	KACO blueplanet 87.0 TL3 M1 WM OD IIF0	
	KACO blueplanet 87.0 TL3 M1 WM OD IIFX	
	KACO blueplanet 92.0 TL3 M1 WM OD IIG0	
	KACO blueplanet 92.0 TL3 M1 WM OD IIGX	
	KACO blueplanet 110 TL3 M1 WM OD IIK0	
	KACO blueplanet 110 TL3 M1 WM OD IIKX	
	KACO blueplanet 125 TL3 M1 WM OD IIP0	
	KACO blueplanet 125 TL3 M1 WM OD IIPX	
	KACO blueplanet 137 TL3 M1 WM OD IIP0	
	KACO blueplanet 137 TL3 M1 WM OD IIPX	
	KACO blueplanet 150 TL3 M1 WM OD IIQ0	
	KACO blueplanet 150 TL3 M1 WM OD IIQX	
	KACO blueplanet 100 TL3 M1 WM OD IIF0	
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Sungrow	SG0.7RS-S	
	SG1.0RS-S	
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Sungrow	SG2.5RS-S	EN 50549-1:2019
	SG3.0RS-S	
	SG3.0RS	
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	SG5.0RS	
	SG6.0RS	
	SG3.0RT	
	SG4.0RT	
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SG 33CX	EN 50549-1:2019 EN 50549-2:2019	
SG 40CX		
SG 50CX		
SG 110CX		
SG25CX-P2, SG30CX-P2, SG33CX-P2, SG36X-P2, SG40CX-P2, SG50CX-P2, SG75CX-P2, SG110CX-P2, SG125CX-P2		
SG 125HX	EN 50549-2:2019	
SG 250HX		
SMA Solar Technology AG	SB1.5-1VL-40	EN 50549-1:2019
	SB2.0-1VL-40	
	SB2.5-1VL-40	
	SB3.0-1AV-41	
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	STP6.0-3AV-40	
	STP8.0-3AV-40	
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	STP 20000TL-30	
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	SHP 75-10	
	STPS60-10	
	SHP150-20	
	SHP100-20	
FRONIUS	PRIMO 3.0-1	EN 50549-1:2019
	PRIMO 3.5-1	
	PRIMO 3.6-1	
	PRIMO 4.0-1	
	PRIMO GEN24 3.0, Plus, Lite	
	PRIMO GEN24 3.6, Plus, Lite	
	PRIMO GEN24 4.0, Plus, Lite	
	PRIMO GEN24 4.6, Plus, Lite	
	PRIMO GEN24 5.0, Plus, Lite	
	PRIMO GEN24 6.0, Plus, Lite	
	PRIMO 4.6-1	EN 50549-1:2019 Se va verifica condiția de nesimetrie maximă de 16 A la elaborarea FS
	PRIMO 5.0-1	
	PRIMO 5.0-1 AUS	
	PRIMO 6.0-1	
	PRIMO 8.2-1	EN 50549-1:2019
	SYMO 3.0-3-M, S	
	SYMO 3.7-3-M, S	
	SYMO 4.5-3-M, S	
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	SYMO 5.5-3-M	
	SYMO 6.0-3-M	
	SYMO 6.7-3-M	
	SYMO 7.0-3-M	
	SYMO 8.0-3-M	
	SYMO 8.2-3-M	
	SYMO 10.0-3-M	
	SYMO 10.0-3-M-OS	
	SYMO 12.5-3-M	
	SYMO 15.0-3-M	
	SYMO 17.5-3-M	
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SYMO GEN24 5.0, Plus, Lite		
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SYMO GEN24 7.0, Plus, Lite		
SYMO GEN24 8.0, Plus, Lite		
SYMO GEN24 9.0, Plus, Lite		
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ECO 25.0-3-S	EN 50549-1:2019	
ECO 27.0-3-S	EN 50549-2:2019	

	Taurus Eco 50-3-P	
	Taurus Eco 99-3-P	
	Taurus Eco 100-3-P	
	Taurus Eco 50-3-D	EN 50549-1:2019
	Taurus Eco 99-3-D	EN 50549-2:2019
	Taurus Eco 100-3-D	
FIMER ABB + ABB Power One	UNO-DM-1.2-TL-PLUS	
	UNO-DM-2.0-TL-PLUS	
	UNO-DM-3.0-TL-PLUS	
	UNO-DM-3.3-TL-PLUS	
	UNO-DM-4.0-TL-PLUS	
	UNO-DM-4.6-TL-PLUS	
	UNO-DM-5.0-TL-PLUS	
	UNO-DM-6.0-TL-PLUS	
	PVS-20-TL-SX, SXD, SY	
	PVS-30-TL-SX, SY	
	PVS-33-TL-SX, SI, SY	
	TRIO-5.8-TL-OUTD-400	
	TRIO-5.8-TL-OUTD-S-400	
	TRIO-7.5-TL-OUTD-400	
	TRIO-7.5-TL-OUTD-S-400	
	TRIO-8.5-TL-OUTD-400	
	TRIO-8.5-TL-OUTD-S-400	
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TRIO-27.6-TL-OUTD-400, S2-400, S2X-400, S2F-400, S1J-400, S2J-400		
TRIO-TM-50.0-400		
PVS-50-TL, S, SX, SX2		
PVS-100-TL		
PVI-6.0-TL-OUTD-S, FS		
PVI-8.0-TL-OUTD-S, FS		
PVI-10.0-TL-OUTD-S, FS		
PVI-12.5-TL-OUTD-S, FS		
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REACT2-UNO-5.0-TL		
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		EN 50549-2:2019
iMars INVT Solar Technology	iMars BG4KTR	
	iMars BG4KTR-S	
	iMars BG5KTR	
	iMars BG5KTR-S	
	iMars BG6KTR	
	iMars BG8KTR	
	iMars BG10KTR	
	iMars BG20KTR	
	iMars BG25KTR	
	iMars BG30KTR	
	iMars BG33KTR	
	iMars BG35KTR	
	iMars MG750TL	
	iMars MG1KTL	
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iMars INVT Solar Technology	iMars MG1K5TL	EN 50549-1:2019
	iMars MG2KTL	
	iMars MG3KTL	
	iMars MG4KTL	
	iMars MG4K6TL	
	iMars MG5KTL	
	iMars MG5K5TL	
	iMars MG6KTL	
	iMars MG3KTL-2M	
	iMars MG4KTL-2M	
	iMars MG4K6TL-2M	
	iMars MG5KTL-2M	
	iMars MG5K5TL-2M	
	iMars MG5K6TL-2M	
	iMars MG6KTL-2M	
	iMars XG3KTR, iMars XG4KTR, iMars XG5KTR, iMars XG6KTR, iMars XG8KTR, iMars XG9KTR, iMars XG10KTR, iMars XG11KTR, iMars XG12KTR, iMars XG15KTR1	
	iMars XG3KTR-S, iMars XG4KTR-S, iMars XG5KTR-S, iMars XG6KTR-S, iMars XG8KTR-S, iMars XG9KTR-S, iMars XG10KTR-S, iMars XG11KTR-S, iMars XG12KTR-S, iMars XG15KTR1-S	
	iMars XG3KTR-AU, iMars XG4KTR-AU, iMars XG5KTR-AU, iMars XG6KTR-AU, iMars XG8KTR-AU, iMars XG9KTR-AU, iMars XG10KTR-AU, iMars XG11KTR-AU, iMars XG12KTR-AU, iMars XG15KTR1-AU	
	iMars XG100KTR, iMars XG100KTR-F, iMars XG110KTR, iMars XG110KTR-F, iMars XG136KTR-L, iMars XG136KTR-LF, iMars XG136KTR-X, iMars XG136KTR-XF	
	iMars XG25KTR-3M, iMars XG25KTR-3S, iMars XG30KTR, iMars XG30KTR-S, iMars XG33KTR-S, iMars XG33KTR, iMars XG36KTR, iMars XG36KTR-S, iMars XG40KTR, iMars XG40KTR-S	
iMars XG50KTR, iMars XG50KTRL, iMars XG50KTR-S, iMars XG50KTRL-S, iMars XG60KTR, iMars XG60KTRL, iMars XG60KTR-S, iMars XG60KTRL-S, iMars XG66KTRL, iMars XG66KTRL-S, iMars XG70KTRL, iMars XG70KTRL-S		
iMars XG15KTR, XG17KTR, XG20KTR, XG22KTR, XG25KTR, iMars XG15KTR-S, XG17KTR-S, XG20KTR-S, XG22KTR-S, XG25KTR-S		
INVT Solar Technology Co, Ltd.	BD6KTR-RH3, 8KTR-R3, 10KTR-R3, 12KTR-R3, 15KTR-R3	EN 50549-1/AC:2019
	CPS SCA1KTL-S/EU	EN 50549-1:2019
	CPS SCA2KTL-S/EU	

Chint	CPS SCA2.5KTL-S/EU	
	CPS SCA3KTL-S/EU	
	CPS SCA3KTL-SM/EU	
	CPS SCA3.6KTL-S/EU	
	CPS SCA3.6KTL-SM/EU	
	CPS SCA4KTL-SM/EU	
	CPS SCA4.6KTL-SM/EU	
	CPS SCA5KTL-SM/EU	
	CPS SCA6KTL-SM/EU	
	CPS SCA6KTL-T/EU	
	CPS SCA8KTL-T/EU	
	CPS SCA10KTL-T/EU	
	CPS SCA12KTL-T/EU	
	CPS SCA15KTL-T/EU	
	CPS SCA17KTL-T/EU	
	CPS SCA20KTL-T/EU	
	CPS SCA22KTL-T/EU	
	CPS SCA25KTL-T/EU	
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CPS SCA50KTL-T/EU, CPS SCA60KTL-T/EU		
CPS SCA110KTL-DO/EU, DO/EU2	EN 50549-2:2019	
CPS SCA110KTL-DO/EU, DO/EU2		
	CPS SCH250KTL-DO/EU, SCH275KTL-DO/EU	
Shenzen SOFAR SOLAR	SOFAR 3KTLM-G3	EN 50549-1:2019
	SOFAR 3.6KTLM-G3	
	SOFAR 4KTLM-G3	
	SOFAR 4.6KTLM-G3	
	SOFAR 5KTLM-G3	
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	SOFAR 20000TL-G2, 25000TL-G2, 30000TL-G2, 33000TL-G2	
	SOFAR 50000TL, 60000TL, 70000TL	
	HYD 5KTL-3PH, 6KTL-3PH, 8KTL-3PH, 10KTL-3PH, 15KTL-3PH, 20KTL-3PH	
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Shenzen SOFAR SOLAR Dongguan SOFAR SOLAR Co., Ltd.	SOFAR 3.3KTLX-G3, 4.4KTLX-G3, 5KTLX-G3-A, 5.5KTLX-G3, 6.6KTLX-G3, 8.8KTLX-G3, 8.8KTLX-G3-A, 11KTLX-G3, 10KTLX-G3-A, 11KTLX-G3-A, 12KTLX-G3	EN 50549-1:2019 EN 50549-2:2019
	SOFAR 75KTL, 80KTL, 110KTL, 100KTL-HV, 125KTL-HV, 136KTL-HV	
Solarmax Produktions	Solarmax 50 SHT	EN 50549-1:2019
	Solarmax 50 SHT-S	
	Solarmax 50 SHT-S2	
	Solarmax 60 SHT	
	Solarmax 60 SHT-S	
	Solarmax 60 SHT-S2	
	X3-4.0-S-D	EN 50549-1:2019
	X3-4.0-S-N	

SolaX Power Network Technology	X3-4.0-T-D	
	X3-4.0-T-N	
	X3-5.0-S-D	
	X3-5.0-S-N	
	X3-5.0-T-D	
	X3-5.0-T-N	
	X3-6.0-T-D	
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	X3-9.0-T-D	
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	X3-10.0-T-D	
	X3-10.0-T-N	
	X1-Hybrid-3.0-D,M; 3.7-D,M; 5.0-D,M; 6.0-D,M; 7.5-D,M	
	X1-Fit-3.0-M,W; 3.7-M,W; 5.0-M,W; 6.0-M,W; 7.5-M,W	
SOLPLANET (Firma AISWEI New Energy Technology CO. Ltd.)	ASW8K-LT-G2	EN 50549-1:2019
	ASW10K-LT-G2	
	ASW12K-LT-G2	
	ASW13K-LT-G2	
	ASW15K-LT-G2	
	ASW17K-LT-G2	
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	ASW40K-LT-G2	
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	ASW3K-LT-G2 Pro	
	ASW4K-LT-G2 Pro	
	ASW5K-LT-G2 Pro	
	ASW6K-LT-G2 Pro	
	ASW8K-LT-G2 Pro	
	ASW10K-LT-G2 Pro	
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SolarEdge Technologies Ltd	SE3K	EN 50549-1:2019
	SE4K	
	SE5K	
	SE6K	
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	SE9K	
	SE10K	
	SE12,5K	
	SE15K	
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	SE27.6K	
	SE30K	
	SE33.3K	
	SE50K	
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	SE66.6K	
SE82.8K		
SolarEdge Technologies Ltd	SE90K	EN 50549-1:2019
	SE100K	
	SE5K-RWS	
	SE7K-RWS	
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	SE10K-RWS	
	SE2200H, 3000H, 3500H, 3680H, 4000H	
	SE4600H, 5000H*, 5000H, 6000H	
Growatt New Energy	MAX 50KTL3 LV	EN 50549-1:2019
	MAX 60KTL3 LV	
	MAX 70KTL3 LV	
	MAX 75KTL3 LV	
	MAX 80KTL3 LV	
Growatt New Energy	MAX 100KTL3-X LV	
	MAX 110KTL3-X LV	
	MAX 120KTL3-X LV	
	MAX 125KTL3-X LV	
	MAX 133KTL3-X LV	
	MIC 750TL-X	
	MIC 1000TL-X	
	MIC 1500TL-X	
	MIC 2000TL-X	
	MIC 2500TL-X	
	MIC 3000TL-X	
	MIC 3300TL-X	
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	MID 20KTL3-X1	
	MID 22KTL3-X1	
	MID 25KTL3-X1	
	MID 30KTL3-X	
MID 33KTL3-X		
MID 36KTL3-X		

Growatt New Energy	MID 40KTL3-X	EN 50549-1:2019
	MID 10KTL3-X	
	MID 12KTL3-X	
	MID 15KTL3-X	
	MID 17KTL3-X	
	MID 20KTL3-X	
	MID 22KTL3-X	
	MID 25KTL3-X	
	MIN 2500TL-X(E)(H)	
	MIN 3000TL-X(E)(H)	
	MIN 3600TL-X(E)(H)	
	MIN 4200TL-X(E)(H)	
	MIN 4600TL-X(E)(H)	
	MIN 5000TL-X(E)(H)	
	MIN 6000TL-X(E)(H)	
	MOD 3000TL3-X(H)	
	MOD 4000TL3-X(H)	
	MOD 5000TL3-X(H)	
	MOD 6000TL3-X(H)	
	MOD 7000TL3-X(H)	
	MOD 8000TL3-X(H)	
	MOD 9000TL3-X(H)	
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	MOD 11KTL3-X	
	MOD 12KTL3-X	
	MOD 13KTL3-X	
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SPH 4000TL3 BH(-UP)		
SPH 5000TL3 BH(-UP)		
SPH 6000TL3 BH(-UP)		
SPH 7000TL3 BH(-UP)		
SPH 8000TL3 BH(-UP)		
Growatt New Energy	SPH 10000TL3 BH(-UP)	EN 50549-1:2019
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	SPA 6000TL3 BH(-UP)	
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Growatt New Energy	SPH3000	EN 50549-1:2019
	SPH3600	
	SPH4000	
	SPH4600	
	SPH5000	
	SPH6000	
SAJ Guangzhou Sanjing Electric	R5-3K-T2	EN 50549-1:2019
	R5-4K-T2	
	R5-5K-T2	
	R5-6K-T2	
	R5-8K-T2	
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	R5-10K-T2	

	R5-12K-T2	
	R5-13K-T2	
	R5-15K-T2	
	R5-17K-T2	
	R5-20K-T2	
SAJ Guangzhou Sanjing Electric	R6-25K-T2-32	EN 50549-1:2019
	R6-22K-T2-32	
	R6-20K-T2-32	
	R6-17K-T2-32	
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	R6-25K-T3-32	
	R6-30K-T3-32	
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	R6-36K-T4-32	
	R6-40K-T4-32	
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SAJ Guangzhou Sanjing Electric	R5-0.7K-S1	EN 50549-1:2019
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	R5-2K-S1	
	R5-2.5K-S1	
	R5-3K-S1	
	R5-0.7K-S1-15	
	R5-1K-S1-15	
	R5-1.5K-S1-15	
	R5-2K-S1-15	
	R5-2.5K-S1-15	
R5-3K-S1-15		
SAJ Guangzhou Sanjing Electric	R5-3K-S2	EN 50549-1:2019 <u>Nota:</u> Invertoare monofazate, se va verifica condiția de nesimetrie maximă de 16 A la elaborarea FS
	R5-3.6K-S2	
	R5-4K-S2	
	R5-5K-S2	
	R5-6K-S2	
	R5-7K-S2	
	R5-8K-S2	
	R5-3K-S2-15, R5-3.6K-S2-15, R5-4K-S2-15, R5-5K-S2-15, R5-6K-S2-15, R5-7K-S2-15, R5-8K-S2-15,	
SAJ Guangzhou Sanjing Electric	H1-3K-S2, H1-3.6K-S2, H1-4K-S2, H1-4.6K- LS2, H1-5K-LS2, H1-6K-LS2, H1-4.6K-S2, H1- 5K-S2, H1-6K-S2	EN 50549-1/AC:2019
	H2-5K-T2, H2-6K-T2, H2-8K-T2, H2-10K-T2	
	GW4K-DT	
	GW5K-DT	
	GW6K-DT	
	GW8K-DT	
	GW5K-ET, BT	
	GW6K-BT	
	GW6.5K-ET	
	GW8K-ET, BT	
	GW10K-ET, BT	

GOODWE Technologies	GW10KT-DT	EN 50549-1:2019
	GW12KT-DT	
	GW15KT-DT	
	GW17KT-DT	
	GW20KT-DT	
	GW25KT-DT	
	GW25K-MT	
	GW30K-MT	
	GW36K-MT	
	GW700-XS	
	GW1000-XS	
	GW1500-XS	
	GW2000-XS	
	GW2500-XS	
	GW3000-XS	
	GW2500N-XS	
	GW3000N-XS	
	GW3000T-DS, D-NS, EH, BH	
	GW3600T-DS	
	GW4200T-DS	
GOODWE Technologies	GW5000T-DS, EH, BH	EN 50549-1:2019
GW6000T-DS, EH, BH		
GW100K-HT		
GW110K-HT		
GW120K-HT		
GW136K-HTH		
GEPxx-3-10, unde xx = 4.0, 5.0, 6.0, 8.0, 10,		
GEPxx-3-10, unde xx = 12, 15, 20		
GEPxx-10, unde xx = 25, 30, 36, 50, 60		
GW3600-EH		
GW5000-EH		
GW6000-EH		
GW3600-BH		
GW5000-BH		
GW6000-BH		
GW3000-DNS-30, 3600-DNS-30, 4200-DNS-30		
GW5000-DNS-30, 6000-DNS-30		
GW225K-HT	EN 50549-2:2019/AC:2019	
GW250K-HT		
VICTRON ENERGY	Multiplus-II 48/3000/35-32	
	Multiplus-II 48/3000/35-32 GX	
	Multiplus-II 48/5000/70-50	
	Quattro 48/8000/110-100/100	
	Quattro 48/10000/140-100/100	
	Quattro 48/15000/200-100/100	
ENPHASE Energy	IQ7PLUS-72, Q-Relay 1P, Q-Relay 3P	EN 50549-1:2019
	IQ7PLUS-ACM-INT, Q-Relay 1P, Q-Relay 3P	
	IQ7-60, Q-Relay 1P, Q-Relay 3P	
	IQ7X-96, Q-Relay 1P, Q-Relay 3P	

STUDER Innotec	nx3 16000-48 st	EN 50549-1:2019
	nx3 16000-48 t	
Shenzen Kstar New Energy Company	BluE-3KT-M0	EN 50549-1:2019+AC:2019-04
	BluE-3KT-M1	
	BluE-3.6KT-M0	
	BluE-3.6KT-M1	
	BluE-4KT-M0	
	BluE-4KT-M1	
	BluE-5KT-M0	
	BluE-5KT-M1	
	BluE-6KT-M0	
	BluE-6KT-M1	
	BluE-8KT-M0	
	BluE-8KT-M1	
	BluE-10KT-M0	
	BluE-10KT-M1	
	BluE-12KT-M0	
	BluE-12KT-M1	
	BluE-15KT-M0	
	BluE-15KT-M1	
	BluE-15KT-M2	
	BluE-15KT-M3	
	BluE-17KT-M0	
	BluE-17KT-M1	
	BluE-20KT-M0	
	BluE-20KT-M1	
BluE-22KT-M0		
BluE-22KT-M1		
BluE-23KT-M0		
BluE-23KT-M1		
Shenzen Kstar New Energy Company	BluE-25KT-M0	EN 50549-1:2019+AC:2019-04
	BluE-25KT-M1	
	KSG-25KT-M0	
	KSG-25KT-M1	
	KSG-25KT-M2	
	KSG-25KT-M3	
	KSG-30KT-M0	
	KSG-30KT-M1	
	KSG-30KT-M2	
	KSG-30KT-M3	
	KSG-30KT-M4	
	KSG-30KT-M5	
	KSG-33KT-M0	
	KSG-33KT-M1	
	KSG-33KT-M2	
	KSG-33KT-M3	
	KSG-33KT-M4	
	KSG-33KT-M5	
KSG-36KT-M0		
KSG-36KT-M1		

Shenzen Kstar New Energy Company	KSG-36KT-M2	
	KSG-36KT-M3	
	KSG-36KT-M4	
	KSG-36KT-M5	
	KSG-40KT-M0	
	KSG-40KT-M1	
	KSG-40KT-M2	
	KSG-40KT-M3	
	KSG-40KT-M4	
	KSG-40KT-M5	
	KSG-100CL	EN 50549-1:2019 EN 50549-2:2019
	KSG-100CL-M0	
	KSG-100CL-M1	
	KSG-100CL-M2	
	KSG-100CL-M3	
	KSG-110CL	
	KSG-110CL-M0	
	KSG-110CL-M1	
	KSG-110CL-M2	
	KSG-110CL-M3	
	KSG-120CL	
	KSG-120CL-M0	
	KSG-120CL-M1	
	KSG-120CL-M2	
	KSG-120CL-M3	
	KSG-136UM	
	KSG-136UM-M0	
	KSG-136UM-M1	
	KSG-136UM-M2	
	KSG-136UM-M3	
	KSG-150UM	EN 50549-1:2019 EN 50549-2:2019
	KSG-150UM-M0	
	KSG-150UM-M1	
	KSG-150UM-M2	
	KSG-150UM-M3	
KSG-175UH, M0, M1, M2, M3		
KSG-200UH, M0, M1, M2, M3		
KSG-225UH, M0, M1, M2, M3		
KSG-250UH, M0, M1, M2, M3	EN 50549-1:2019+AC:2019-04	
BluE-G 3000S		
BluE-G 3000D		
BluE-G 4000D		
BluE-G 4200D		
BluE-G 4600D		
BluE-G 5000D		
BluE-G 6000D		
BluE-G 3000S-M1		
BluE-G 3000D-M0		
BluE-G 3000D-M1		
BluE-G 4000D-M0		

	BluE-G 4000D-M1	
	BluE-G 5000D-M1	
	BluE-G 6000D-M1	
	BluE-S 3680D	
	BluE-S 5000D	
	BluE-S 6000D	
	BluE-S 3680D-M1	
	BluE-S 5000D-M1	
	BluE-S 6000D-M1	
AFORE NEW ENERGY TECHNOLOGY SHANGHAI	HNS1000TL-1	EN 50549-1:2019
	HNS1500TL-1	
	HNS2000TL-1	
	HNS2500TL-1	
	HNS3000TL-1	
	HNS3600TL-1	
	HNS3000TL	
	HNS3600TL	
	HNS4000TL	
	HNS5000TL	
	HNS6000TL	
	HNS7000TL	
	HNS8000TL	
	BNT003KTL	
	BNT004KTL	
	BNT005KTL	
	BNT006KTL	
	AFORE NEW ENERGY TECHNOLOGY SHANGHAI	
BNT010KTL		
BNT012KTL		
BNT013KTL		
BNT015KTL		
BNT017KTL		
BNT020KTL		
BNT025KTL		
BNT030KTL		
BNT036KTL		
BNT040KTL		
BNT050KTL		
BNT060KTL		
AISWEI New Energy Technology Co	ASW8K-LT-G2, 10K, 12K, 13K, 15K, 17K, 20K	EN 50549-1:2019
	ASW30K-LT-G2, 33K, 36K, 40K, 45K, 50K	
Schneider	XW Pro 8548 Single Phase Hybrid	EN 50549-1:2019
	CL 30, 33, CL 50	EN 50549-1:2019
	CL 30, 33, CL 50	EN 50549-2:2019
Suzhou Hypontech Co.	HPK-1000	EN 50549-1:2019
	HPK-1500	
	HPK-2000	
	HPK-2500	
	HPK-3000	

	HPS-3000L, 3000DL	
	HPS-3680, 3680D	
	HPS-4000, 4000D	
	HPS-5000, 5000D	
FOXESS Maitian Energy	T3, T4, T5, T6	EN 50549-1:2019
	T8, T10, T12, T15	
	T17, T20, T25	
	S0.7, S1.0, S1.5, S2.0	
	S2.5, S3.0, S3.3	
	F3300, 3600, 4600, 5000, 6000	
RENAC	NAC4K-DS	EN 50549-1:2019
	NAC5K-DS	EN 50549-1:2019
NAC6K-DS		
NAC7K-DS		
NAC8K-DS		
RENAC Power Technology, China	R3-4K-DT	
R3-5K-DT		
R3-6K-DT		
R3-8K-DT		
R3-10K-DT		
R3-12K-DT		
R3-15K-DT		
SOLIS Ginlong Technologies, China	RAI-3K-48ES-5G	
	RHI-3K-48ES	
	RHI-3.6K-48ES	
	RHI-4.6K-48ES	
	RHI-5K-48ES	
	RHI-3K-48ES-5G	
	RHI-3.6K-48ES-5G	
	RHI-4.6K-48ES-5G	
	RHI-5K-48ES-5G	
	RHI-6K-48ES-5G	
	S5-EH1P3K-L	
	S5-EH1P3.6K-L	
	S5-EH1P4.6K-L	
	S5-EH1P5K-L	
	S5-EH1P6K-L	
	S5-GC50K	
	S5-GC50K-LV	
	S5-GC60K	
	S5-GC60K-HV	
	S5-GC60K-LV	
	S5-GC70K-HV	
	S5-GC75K	
	S5-GC80K	
	S5-GC100K	
	S5-GC110K	
	S5-GC100K-HV	
S5-GC110K-BHV		
S5-GC125K-HV		

<p style="text-align: center;">SOLIS Ginlong Technologies, China</p>	Solis-75K-5G	<p style="text-align: center;">EN 50549-1:2019 EN 50549-2:2019</p>
	Solis-80K-5G	
	Solis-90K-5G	
	Solis-100K-5G	
	Solis-100K-HV-5G	
	Solis-110K-5G	
	Solis-110K-BHV-5G	
	Solis-125K-HV-5G	
	Solis-50K-LV-5G	
	Solis-60K-LV-5G	
	Solis-25K-5G	
	Solis-30K-5G	
	Solis-33K-5G	
	Solis-36K-5G	
	Solis-40K-5G	
	Solis-40K-HV-5G	
	Solis-50K-HV-5G	
	Solis-60K-HV-5G	
	Solis-80K-5G	
	Solis-100K-5G	
	Solis-110K-5G	
	Solis-125K-HV-5G	
	Solis-50K-LV-5G	
	Solis-60K-LV-5G	
	S5-GC25K	
	S5-GC30K	
	S5-GC33K	
	S5-GC36K	
	S5-GC40K	
	S5-GC40K-HV	
	S5-GC50K-HV	
	S5-GC50K-LV	
	S5-GC60K-LV	
S5-GC80K		
S5-GC100K		
S5-GC110K		
S5-GC125K-HV		
S5-GC50K-LV		
S5-GC60K-LV		
Solis-3P3K-4G		
Solis-3P4K-4G		
Solis-3P5K-4G		
Solis-3P6K-4G		
Solis-3P8K-4G		
Solis-3P8K-4G-BE		
Solis-3P9K-4G		
Solis-3P10K-4G		
Solis-3P10K-4G-BE		
Solis-3P12K-4G		
Solis-3P15K-4G		

SOLIS Ginlong Technologies, China	Solis-3P17K-4G	EN 50549-1:2019
	Solis-3P20K-4G	
	S5-GR3P3K	
	S5-GR3P4K	
	S5-GR3P5K	
	S5-GR3P6K	
	S5-GR3P8K	
	S5-GR3P8K-BE	
	S5-GR3P9K	
	S5-GR3P10K	
	S5-GR3P10K-BE	
	S5-GR3P12K	
	S5-GR3P13K	
	S5-GR3P15K	
	S5-GR3P17K	
	S5-GR3P20K	
	Solis-mini-700-4G, 1000-4G, 1500-4G	
	Solis-mini-2000-4G, 2500-4G, 3000-4G	
	Solis-mini-3600-4G	
	S5-GR1P0.7K-M	
S5-GR1P1K-M		
S5-GR1P1.5K-M		
S5-GR1P2K-M		
S5-GR1P2.5K-M		
S5-GR1P3K-M		
S5-GR1P3.6K-M		
S6-GR1P0.7K-M		
S6-GR1P1K-M		
S6-GR1P1.5K-M		
S6-GR1P2K-M		
S6-GR1P2.5K-M		
S6-GR1P3K-M		
S6-GR1P3.6K-M		
Solis-1P2.5K-4G		
Solis-1P3K-4G		
Solis-1P3.6K-4G		
Solis-1P4K-4G		
Solis-1P4.6K-4G		
Solis-1P5K-4G		
Solis-1P6K-4G		
S5-GR1P2.5K, 3K, 3.6K, 4K, 4.6K, 5K, 6K		
S6-GR1P2.5K, 3K, 3.6K, 4K, 4.6K, 5K, 6K		
Solis-208K-EHV-5G	EN 50549-1:2019	
Solis-250K-EHV-5G		
Solis-255K-EHV-5G		
Solis-215K-EHV-5G-Plus		
Solis-250K-EHV-5G-Plus		
Solis-255K-EHV-5G-Plus		
Zucchetti Centro Sistemi	AZZURO 1PH 3000TLM-V3	
	AZZURO 1PH 3680TLM-V3	

AZZURO Zucchetti Centro Sistemi AZZURO	AZZURO 1PH 4000TLM-V3	EN 50549-1:2019
	AZZURO 1PH 4600TLM-V3	
	AZZURO 1PH 5000TLM-V3	
	AZZURO 1PH 5000TLM-V3-A	
	AZZURO 1PH 6000TLM-V3	
	AZZURO 3PH 3.3KTL-V3, 4.4KTL-V3, 5.5KTL-V3, 6.6KTL-V3, 8.8KTL-V3, 11KTL-V3, 12KTL-V3	
	AZZURO 3PH 5KTL-V3-A, 8.8KTL-V3-A, 10KTL-V3-A, 11KTL-V3-A	
SUNPRO Power (Yuhuan Sunpro Power)	SP6KH3	EN 50549-1:2019
	SP8KH3	
	SP10KH3	
	SP12KH3	
	SP15KH3	
Bluesun Solar Co. Ldt.	BSM5K-B	EN 50549-1:2019+AC:2019-04
	BSM6K-B	
	BSM8K-B	
	BSM10K-B	
	BSM12K-B	
	BSM15K-B	
	BSM17K-B	
	BSM20K-B	
	BSM22K-B	
	BSM25K-B	
	BSM30K-B	
BSM33K-B		
Thinkpower Wuxi Thinkpower New Energy Co.	EPH4KTL, 5KTL, 6KTL, 8KTL, 10KTL, 12KTL	EN 50549-1:2019
	TP4KTL, 5KTL, 6KTL, 8KTL	
	TP10KTLM	
	S3600TL, S4400TL, S5000TL, S6000TL	
	TP10KTL, TP12KTL, TP15KTL, TP17KTL, TP20KTL, TP25KTL	
FSP Technology Inc., Taiwan	FSP Power Management 10 kW, 15 kW	EN 50549-1:2019
	FSP103PV-230TH-48	
Xiamen Kehua Digital Energy China KEHUA TECH	SPI8K-B X2, 10K-B X2, 12K-B X2, 15K-B X2, 17K-B X2, 20K-B X2, 23K-B X2, 25K-B X2	EN 50549-1:2019
	SPI3K-B, 4K-B, 5K-B, 6K-B, 8K-B, 10K-B, 12K-B, 12K-BL, 15K-B, 17K-B, 20K-B	
	SPI25K-B X2P, 36K-B X2P, 40K-B X2P,	
	SPI75K-B, 80K-B, 90K-B, 100K-B, 110K-B, 125K-B	EN 50549-2:2019
	SPI75K-B PLUS, 80K-B PLUS, 90K-B PLUS, 100K-B PLUS, 110K-B PLUS, 125K-B PLUS	
	SPI200K-B-H, SPI225K-B-H, SPI250K-B-H	
EAST Group China	EA5KTSI, EA6KTSI, EA8KTSI, EA10KTSI, EA13KTSI, EA16KTSI, EA20KTSI, EA25KTSI, EA30KTSI	EN 50549-1:2019
KATEK Memmingen	StecaGrid 1511, 2011, 2511, 3011_2, 3011, 3611, 3611_2, 4611_2, 5011_2	EN 50549-1:2019

Germania	StecaGrid 3213, 4013, 5013, 6013	
AUXSOL Ningbo AUX Solar Technology Co., Ltd.	ASN-3TL-D0, ASN-3TL-D1, ASN-3.6TL-D0, ASN-3.6TL-D1, ASN-4TL-D0, ASN-4TL-D1, ASN-5TL-D0, ASN-5TL-D1, ASN-6TL-D0, ASN- 6TL-D1, ASN-8TL-D0, ASN-8TL-D1	EN 50549-1:2019+AC:2019- 04
	ASN-3.6SL, ASN-4SL, ASN-4.6SL, ASN-5SL	
	ASN-10TL-D0, ASN-10TL-D1, ASN-12TL-D0, ASN-12TL-D1, ASN-15TL-D0, ASN-15TL-D1, ASN-15TL-D2, ASN-15TL-D3	
	ASN-17TL-D0, ASN-17TL-D1, ASN-20TL-D0, ASN-20TL-D1, ASN-22TL-D0, ASN-22TL-D1, ASN-23TL-D0, ASN-23TL-D1, ASN-25TL-D0, ASN-25TL-D1	
Autarco Group B.V.	S2.LH5000, S2.LH6000, S2.LH8000, S2.LH10000	EN 50549-1:2019+AC:2019- 04
	S2.MH3000, S2.MH3600, S2.MH4600, S2.MH5000, S2.MH6000, S2.MH3000-MII, S2.MH3600-MII, S2.MH4600-MII, S2.MH5000- MII, S2.MH6000-MII	
	S2.LD5000(S)-MII, S2.LD6000(S)-MII, S2.LD8000(S)-MII, S2.LD9000(S)-MII, S2.LD10000(S)-MII	
	S2.LQ12000(S)-MII, S2.LQ15000(S)-MII, S2.LQ17000(S)-MII, S2.LQ20000(S)-MII	
	S2.LD5000(S)-MIII, S2.LD6000(S)-MIII, S2.LD8000(S)-MIII, S2.LD9000(S)-MIII, S2.LD10000(S)-MIII, S2.LD12000(S)-MIII, S2.LD15000(S)-MIII, S2.LD17000(S)-MIII, S2.LD20000(S)-MIII	
	S2.MR3000	
	S2.MX2500(S)-MII, S2.MX3000(S)-MII, S2.MX3600(S)-MII, S2.MX4000(S)-MII, S2.MX4600(S)-MII, S2.MX5000(S)-MII, S2.MX6000(S)-MII	
	S2.MX2500-MIII, S2.MX3000-MIII, S2.MX3600-MIII, S2.MX4000-MIII, S2.MX4600-MIII, S2.MX5000-MIII, S2.MX6000-MIII	
	S2.OX80000(S), S2.OX100000(S), S2.OX110000(S), S2.OX80000-MII, S2.OX100000-MII, S2.OX110000-MII	
	S2.SX700(S)-MII, S2.SX1000(S)-MII, S2.SX1500(S)-MII, S2.SX2000(S)-MII, S2.SX3000(S)-MII, S2.SX3600(S)-MII	
Autarco Group B.V.	S2.SX700-MIII, S2.SX1000-MIII, S2.SX1500- MIII, S2.SX2000-MIII, S2.SX3000-MIII, S2.SX3600-MIII	EN 50549-1:2019+AC:2019- 04
	S2.UX5000(S)-MII, S2.UX6000(S)-MII, S2.UX6000(S)-HV-MII, S2.UX7000(S)-HV-MII	
	S2.XLX25000(S)-MII, S2.XLX30000(S)-MII, S2.XLX33000(S)-MII, S2.XLX36000(S)-MII, S2.XLX40000(S)-MII	

	S2.XLX25000-MIII, S2.XLX30000-MIII, S2.XLX33000-MIII, S2.XLX36000-MIII, S2.XLX40000-MIII	
Suzhou Hypontech Co, Ltd.	HPK-1000, 1500, 2000, 2500, 3000	EN 50549-1:2019+AC:2019- 04
	HHT-5000, 6000, 8000, 10000, 12000	
	HPT-15K, 17K, 20K, 25K, 30K, 33K, 36K, 40K50K	
	HPT-3000, 4000, 5000, 6000, 8000, 10000	
Suzhou Hypontech Co, Ltd.	HHS-3000, 3680, 5000, 6000	EN 50549-1:2019+AC:2019- 04
	HBS-3000, 3680, 5000, 6000	
	HPS-3000L, 3680, 4000, 5000, 6000, 6500	
	HPS-3000DL, 3680D, 4000D, 5000D, 6000D, 6500D	
NingBo Deye Inverter Technology Co, Ltd. (Invertoare „Deye“, China)	SUN-3.6K-SG03LP1-EU, SUN-5K-SG03LP1-EU	EN 50549-1:2019
	SUN-3K-SG04LP1-EU, SUN-3K-SG04LP1-24- EU, SUN-3.6K-SG04LP1-EU, SUN-5K-SG04LP1- EU, SUN-6K-SG04LP1-EU	
	SUN-5K-SG04LP3-EU, SUN-6K-SG04LP3-EU, SUN-8K-SG04LP3-EU, SUN-10K-SG04LP3-EU, SUN-12K-SG04LP3-EU	
	SUN-5K-SG01HP3-EU-AM2, SUN-6K-SG01HP3- EU-AM2, SUN-8K-SG01HP3-EU-AM2, SUN-10K- SG01HP3-EU-AM2, SUN-12K-SG01HP3-EU- AM2, SUN-15K-SG01HP3-EU-AM2, SUN-20K- SG01HP3-EU-AM2, SUN-25K-SG01HP3-EU- AM2	
	SUN-1K-G, SUN-1.5K-G, SUN-2K-G, SUN-2.5K- G, SUN-3K-G, SUN-3.6K-G, SUN-4K-G, SUN- 5K-G, SUN-6K-G	
	SUN300G3-EU-230, SUN400G3-EU-230, SUN500G3-EU-230, SUN600G3-EU-230, SUN800G3-EU-230, SUN1000G3-EU-230, SUN1300G3-EU-230, SUN1600G3-EU-230, SUN1800G3-EU-230, SUN2000G3-EU-230	
	SUN-15K-G05, SUN-12K-G05, SUN-10K-G05, SUN-9K-G05, SUN-8K-G05, SUN-7K-G05, SUN- 6K-G05, SUN-5K-G05, SUN-4K-G05, SUN-3K- G05, SUN-3K-G05-1	
	SUN15K-G05-P, SUN12K-G05-P, SUN-10K- G05-P, SUN-9K-G05-P, SUN-8K-G05-P, SUN- 7K-G05-P, SUN-6K-G05-P, SUN-5K-G05-P, SUN-4K-G05-P, SUN-3K-G05-P, SUN-3K-G05- 1-P	
	SUN-30K-G03, SUN-33K-G03, SUN-35K-G03, SUN-40K-G03, SUN-50K-G03, SUN-60K-G03, SUN-70K-G03, SUN-75K-G03, SUN-80K-G03, SUN-90K-G03, SUN-100K-G03, SUN-110K-G03	
Jiangsu Weiheng Intelligent Technology, Ltd.	WH-SPHA3.6H-5.12kWh, WH-SPHA4.6H- 5.12kWh, WH-SPHA5.0H-5.12kWh, WH- SPHA6.0H-5.12kWh	EN 50549-1:2019/AC:2019 RfG 2016

	WH-SPHA3.6H-10.24kWh, WH-SPHA4.6H-10.24kWh, WH-SPHA5.0H-10.24kWh, WH-SPHA6.0H-10.24kWh	
SINENG Electric Co., Ltd.	SP-250K-H, SP-275K-H1, SP-275K-INH	EN 50549-2:2019

Notă: Protecțiile de interfață incluse în invertoare vor corespunde valorilor minime și maxime stabilite prin documentul „**CONDIȚII TEHNICE PENTRU GENERATOARE STATICE ȘI SINCRONE**” afișat pe site-ul DEER la următorul link :

<https://www.distributie-energie.ro/racordare-la-retea/racordare-producatori-energie-electrica/>

se dă click pe:

[V. CONDITII TEHNICE PENTRU GENERATOARE MONTATE IN INSTALATIILE PROSUMATORULUI](#)

Valorile protecțiilor de interfață vor fi setate în conformitate cu cerințele Ordinului ANRE 228/2018 completat cu Ord. 132/2020, urmand ca instalatorul să emită buletin de setare semnat și verificat de personalul DEER în cadrul probelor de punere în funcțiune. Buletinul de setare al protecțiilor va fi atașat la dosarul instalației.