

Certificate of Compliance

Certificate:	70218631	Master Contract:	259077
Project:	80256217	Date Issued:	2025-07-12
Issued to:	ALTENERGY POWER SYSTEM INC Building 2, No. 522, Yatai Road, Nanhu Jiaxing City, Zhejiang, 314050 CHINA Attention: Kevin Lu	•	

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by: Ríta Ren Rita Ren

PRODUCTS

CLASS 5311 09 - POWER SUPPLIES - Distributed Generation Power Systems Equipment CLASS 5311 89 - POWER SUPPLIES - Distributed Generation Power Systems Equipment - Certified to U.S. Standards

APsmart Rapid Shutdown System:

Model	Attenuators	Initiation Device	System Ratings
Type-A	RSD-S-PLC-A	Transmitter-PLC	System voltage 1000Vdc, Attenuators Input:
			8~80Vdc, 15Amax per module, 15A max input
			short circuit. Attenuators Output: 8~80Vdc,
			15Amax, 800W max per module.
			Rapid shutdown time limit 15s.
			Initiated by the loss of AC power
Type-B	RSD-S-PLC-B	Transmitter-PLC	System voltage 1500Vdc, Attenuators Input:
			8~80Vdc, 15Amax per module, 15A max input
			short circuit. Attenuators Output: 8~80Vdc,
			15Amax, 800W max per module.
			Rapid shutdown time limit 15s.
			Initiated by the loss of AC power



Туре-С	RSD-S-PLC-A	Transmitter-PLC-PCBA	System voltage 1000Vdc, Attenuators Input: 8~80Vdc, 15Amax per module, 15A max input short circuit. Attenuators Output: 8~80Vdc, 15Amax, 800W max per module. Rapid shutdown time limit 15s.
Туре-D	RSD-S-PLC-B	Transmitter-PLC-PCBA	Initiated by the loss of AC power System voltage 1500Vdc, Attenuators Input: 8~80Vdc, 15Amax per module, 15A max input short circuit. Attenuators Output: 8~80Vdc, 15Amax, 800W max per module. Rapid shutdown time limit 15s. Initiated by the loss of AC power

Model	Attenuators	Initiation Device	Inverter	System Ratings
APsmart's RSD	ALTENERGY	ALTENERGY	Shanghai CHINT	1000 Vdc
system,	POWER SYSTEM	POWER SYSTEM	Power Systems Co.,	maximum system
PVRSSx:	INC.	INC.	Ltd.	voltage.
Sunspec	RSD-S-PLC-A	Transmitter-PLC	CPS SCA60KTL-	-
_	RSD-S-PLC-B	Transmitter-PLC-	DO/US-480	Rapid shutdown
	RSD-D-15-1000	PCBA	CPS SCA50KTL-	time limit 30s
	RSD-D-20-1000	Transmitter-PLC-1P	DO/US-480	with inverter.
	RSD-D-25-1000		CPS SCA36KTL-	
	RSD-D-15-1500		DO/US-480	Initiated by the
	RSD-D-20-1500		CPS SCA25KTL-DO-	loss of AC power.
	RSD-D-25-1500		R/US-480	_
			CPS SCA20KTL-DO-	
			R/US-480	
			CPS SCA25KTL-	
			DO/US-208	
			Shanghai CHINT	600 Vdc
			Power Systems Co.,	maximum system
			Ltd.	voltage.
			Family series:	
			CPS ECH12KTL/US,	Rapid shutdown
			CPS ECH11.4KTL/US	time limit 30 s
			CPS ECH9.6KTL/US,	with inverter.
			CPS ECH7.6KTL/US,	
			CPS ECH6KTL/US,	Family series
			CPS ECH5KTL/US,	Initiated by
			CPS ECH3.8KTL/US	external
				emergency button
				with signal wire
				connected to the
				Inverter's ELV
				circuit.



Model	Attenuators	Initiation Device	Inverter	System Ratings
			Delta Electronics	600 Vdc
			(Shanghai) Co., Ltd.	maximum system
			M10-4-TL-US	voltage.
			M10-TL-US	
			M8-TL-US	Rapid shutdown
			M6-TL-US	time limit 30s
			M5-TL-US	with inverter.
			M4-TL-US	
			E8-TL-US	Initiated by the
			E6-TL-US	loss of AC power.
			E4-TL-US	
			LG ELECTRONICS,	600 Vdc
			INC.	maximum system
			D007KEEN261	voltage.
				Rapid shutdown
				time limit 30s
				with inverter.
				Initiated by the
				loss of AC power.
			Solectria Renewables,	1000 Vdc
			LLC	maximum system
			PVI 50TL-480	voltage.
			PVI 60TL-480	vonage.
			PVI 20TL-480-R	Rapid shutdown
			PVI 25TL-480-R	time limit 30s
			PVI 25TL-208	with inverter.
			PVI-36TL-480-V2	
				Initiated by the
				loss of AC power.



Model	Attenuators	Initiation Device	Inverter	System Ratings
			JIANGSU GOODWE	600 Vdc
			POWER SUPPLY	maximum system
			TECHNOLOGY CO.,	voltage.
			LTD.	
			GW9600A-ES,	Rapid shutdown
			GW8600A-ES,	time limit 30s
			GW7600A-ES,	with inverter.
			GW7000A-ES,	
			GW6000A-ES,	Initiated by the
			GW5000A-ES,	DC Switch on the
			GW9600A-MS,	inverter.
			GW8600A-MS,	
			GW7600A-MS,	
			GW7000A-MS,	
			GW6000A-MS,	
			GW5000A-MS,	
			GW9600A-IS,	
			GW8600A-IS,	
			GW7600A-IS,	
			GW7000A-IS,	
			GW6000A-IS,	
			GW5000A-IS	
			GW9600H-ES,	
			GW8600H-ES,	
			GW7600H-ES,	
			GW7000H-ES,	
			GW6000H-ES,	
			GW5000H-ES,	
			Shenzhen Growatt	550 Vdc
			New Energy	maximum system
			Technology Co., Ltd	voltage.
			SPH 3000TL BL-US,	E E
			SPH 3600TL BL-US,	Rapid shutdown
			SPH 4000TL BL-US,	time limit 30s
			SPH 4600TL BL-US,	with inverter.
			SPH 5000TL BL-US,	
				Initiated by
			SPH 6000TL BL-US	external
				emergency button
				with signal wire
				connected to the
				Inverter's ELV
				circuit.



Model	Attenuators	Initiation Device	Inverter	System Ratings
			Shenzhen Growatt	600 Vdc
			New Energy	maximum system
			Technology Co., Ltd	voltage.
			MIN 8200TL-XH-US,	
			MIN 9000TL-XH-US,	Rapid shutdown
			MIN 10000TL-XH-US,	time limit 30s
			MIN 11400TL-XH-US,	with inverter.
			MIN 3000TL-XH-US,	
			MIN 3800TL-XH-US, MIN 5000TL-XH-US,	Initiated by
			MIN 6000TL-XH-US,	external
			MIN 7600TL-XH-US	emergency button
				with signal wire
				connected to the
				Inverter's ELV
				circuit.
			FIMER S.p.A.:	600 Vdc
			1)UNO-DM-3.3-TL- PLUS-US-XYZ-ABC-	maximum system
			DE-F,	voltage.
			2) UNO-DM-3.8-TL-	Rapid shutdown
			PLUS-US-XYZ-ABC-	time limit 30s
			DE-F,	with inverter.
			3) UNO-DM-4.6-TL-	with inverter.
			PLUS-US-XYZ-ABC-	Initiated by the
			DE-F,	loss of AC power.
			4) UNO-DM-5.0-TL-	1
			PLUS-US-XYZ-ABC-	
			DE-F.	
			(X: blank, S;	
			Y = blank, B, E, Z;	
			Z = blank, M;	
			A = blank, X;	
			B = blank, R;	
			C = blank, A;	
			D = blank, Q;	
			E = blank, U;	
			F = blank, AP, TI	



Model	Attenuators	Initiation Device	Inverter	System Ratings
			FIMER S.p.A.:	600 Vdc
			UNO-DM-6.0-TL-	maximum system
			PLUS-US-XYZ-ABC-	voltage.
			DE-F	
			(X: blank, S;	Rapid shutdown
			Y = blank, B, E, Z; Z	time limit 30s
			= blank, M;	with inverter.
			A = blank, X;	
			B = blank, R;	Initiated by the
			C = blank, A;	loss of AC power
			D = blank, Q;	
			E = blank, U;	
			F = blank, AP, TI	
			Delta Electronics, Inc.	600 Vdc
			E10_BDI	maximum system
			E8_BDI	voltage.
			E6_BDI	
			E4_BDI	Rapid shutdown
			E10-TL-US	time limit 30s
			E8 Plus-TL-US	with inverter.
			EC8-US	
			EC6-US	Initiated by the
			EC4-US	loss of AC power
			Shenzhen	600 Vdc
			Eternalplanet Energy	maximum system
			Pingshan Ltd.:	voltage.
			HNA7W,	8
			HNA7W TT,	Rapid shutdown
			HNA7WAT,	time limit 30s
			HNA7G,	with inverter.
			HNA7G TT,	
			HNA7G AT	Initiated by
			-	external
				emergency button
				with signal wire
				connected to the
				Inverter's ELV
				circuit.
			Afore New Energy	600 Vdc
			Technology	maximum system
			(Shanghai) Co., Ltd.:	voltage.
			AF9.6K-DH	6
			AF8.6K-DH	
			AF8K-DH	



Model	Attenuators	Initiation Device	Inverter	System Ratings
			AF7.6K-DH	Rapid shutdown
			AF7K-DH	time limit 30s
			AF6K-DH	with inverter.
			AF5.5K-DH	
			AF5K-DH	Initiated by
			AF4.6K-DH	external
			AF4K-DH	emergency button
			AF3.6K-DH	with signal wire
			AF3K-DH	connected to the
				Inverter's ELV
				circuit.
			CESC New Energy	600 Vdc
			Technology Co.,	maximum system
			Ltd	voltage.
			Mars 3000 HVSP,	vonage.
			Mars 3600 HVSP,	Danid shutdown
			Mars 4000 HVSP,	Rapid shutdown time limit 30s
			Mars 4600 HVSP,	with inverter.
			Mars 5000 HVSP,	with inverter.
				Initiated by
			Mars 5500 HVSP,	Initiated by
			Mars 6000 HVSP,	external
			Mars 7000 HVSP,	emergency button
			Mars 7600 HVSP,	with signal wire
			Mars 8000 HVSP,	connected to the
			Mars 8600 HVSP,	Inverter's ELV
			Mars 9600 HVSP.	circuit.
			Astron United Power	maximum system
			Energy Technology	voltage.
			Co., Ltd.	D 111.1
			AST3K-DH,	Rapid shutdown
			AST3.6K-DH,	time limit 30s
			AST4K-DH,	with inverter.
			AST4.6K-DH,	
			AST5K-DH,	Initiated by
			AST5.5K-DH,	external
			AST6K-DH,	emergency button
			AST7K-DH,	with signal wire
			AST7.6K-DH,	connected to the
			AST8K-DH,	Inverter's ELV
			AST8.6K-DH,	circuit.
			AST9.6K-DH.	
			AMPS MIDDLE	maximum system
			EAST FZ-LLC.	voltage.
			ES3KDHH,	
			ES3.6KDHH,	



Model	Attenuators	Initiation Device	Inverter	System Ratings
			ES4KDHH,	Rapid shutdown
			ES4.6KDHH,	time limit 30s
			ES5KDHH,	with inverter.
			ES5.5KDHH,	
			ES6KDHH,	Initiated by
			ES7KDHH,	external
			ES7.6KDHH,	emergency button
			ES8KDHH,	with signal wire
			ES8.6KDHH,	connected to the
			ES9.6KDHH.	Inverter's ELV
				circuit.
			FOXESS CO., LTD.:	600 Vdc
			H1-3.8-US,	
			H1-5.7-US,	maximum system
			-	voltage.
			H1-7.6-US,	Danid shutdar
			H1-9.6-US,	Rapid shutdown time limit 30s
			H1-11.4-US.	
				with inverter.
				Initiated by
				external
				emergency button
				with signal wire
				connected to the
				Inverter's ELV
				circuit.
			FOXESS CO., LTD.:	600 Vdc
			AIO-H1-3.8-US,	maximum system
			AIO-H1-5.7-US,	voltage.
			AIO-H1-7.6-US,	
			AIO-H1-9.6-US,	Rapid shutdown
			AIO-H1-11.4-US.	time limit 30s
				with inverter.
				Initiated by
				external
				emergency button
				with signal wire
				connected to the
				Inverter's ELV
				circuit.
			LITE-ON Technology	600 Vdc
			Corporation:	maximum system
			IN-HP5382US,	voltage.
			IN-HP5572US,	



Model	Attenuators	Initiation Device	Inverter	System Ratings
			IN-HP5762US,	Rapid shutdown
			IN-HP5962US,	time limit 30s
			IN-HP5113US.	with inverter.
				Initiated by
				external
				emergency button
				with signal wire
				connected to the
				Inverter's ELV
				circuit.
			8 Star Energy North	600 Vdc
			America Inc:	maximum system
			Force 3.8DC	voltage.
			Force 5.7DC	D 111.1
			Force 7.6DC	Rapid shutdown
			Force 9.6DC	time limit 30s
			Force 11.4DC	with inverter.
				Initiated by
				external
				emergency button
				with signal wire
				connected to the
				Inverter's ELV
				circuit.
			Schneider Electric IT	600 Vdc
			Corporation.	maximum system
				voltage.
			Model: HY8K1NA1	D 111.1
				Rapid shutdown
				time limit 30 s
				with inverter.
				Inverter Initiated
				by external
				emergency button
				with signal wire
				connected to the
				Inverter's ELV
				circuit.



Model	Attenuators	Initiation Device	Inverter	System Ratings
			Star Charge Americas Corporation. SI403LULA00,	600 Vdc maximum system voltage.
			SI803LULA00, SI104LULA00	Rapid shutdown time limit 30s with inverter.
				Initiated by the DC Switch on the inverter.
			Delta Electronics, Inc.	480 Vdc maximum system
			S12_BDI	voltage.
				Rapid shutdown time limit 30 s with inverter.
				Inverter Initiated by external emergency button
				with signal wire connected to the Inverter's ELV circuit.
			General Motors Energy LLC. GM Energy Inverter	480 Vdc maximum system voltage.
			e1.11	Rapid shutdown time limit 30 s with inverter.
				Inverter Initiated by external
				emergency button with signal wire connected to the
				Inverter's ELV circuit.
			Delta Electronics, Inc.	450 Vdc maximum system
			E4_BX, E6_BX,	voltage.



Model	Attenuators	Initiation Device	Inverter	System Ratings
			E8_BX, E10_BX.	Rapid shutdown time limit 30 s with inverter.
				Inverter Initiated by external emergency button with signal wire connected to the Inverter's ELV circuit
			Suzhou RCT Power Energy Technology Co., Ltd: Power Storage DC US-15.0	600 Vdc maximum system voltage. Rapid shutdown time limit 30s with inverter. Initiated by external emergency button with signal wire connected to the Inverter's ELV circuit.
APsmart's RSD system, PVRSS: Sunspec	ALTENERGY POWER SYSTEM INC. PLC-1P -A RSD-S-PLC-B RSD-D-15-1000 RSD-D-20-1000 RSD-D-20-1500 RSD-D-20-1500	ALTENERGY POWER SYSTEM INC. Transmitter-PLC Transmitter-PLC- PCBA Transmitter-PLC-1P	Ginlong Technologies Co., Ltd. Solis-75K-5G-US, Solis-80K-5G-US, Solis-90K-5G-US, Solis-100K-5G-US, S5-GC75K-US, S5-GC80K-US, S5-GC90K-US, S5-GC100K-US.	Initiated by the loss of inverter power of AC Grid.



Model	Attenuators	Initiation Device	Inverter	System Ratings
			CSI Solar Co., Ltd. CSI-75K-T480GL02- U, CSI-80K-T480GL02- U, CSI-90K-T480GL02- U, CSI-100K-T480GL02- U.	1000 Vdc maximum system voltage. Rapid shutdown time limit 30s with inverter. Initiated by the loss of inverter power of AC Grid.
APsmart's RSD system, PVRSS: Sunspec	ALTENERGY POWER SYSTEM INC.: RSD-S-PLC-A RSD-S-PLC-B RSD-D-15-1000 RSD-D-20-1000 RSD-D-25-1000 RSD-D-25-1000 RSD-D-15-1500 RSD-D-20-1500	ALTENERGY POWER SYSTEM INC.: Transmitter-PLC, Transmitter-PLC-1P	Jiangsu RCT Power Energy Technology Co., Ltd: Power Storage DC US-8.0 Power Storage DC US-8.0 PRO	520 Vdc maximum system voltage. Rapid shutdown time limit 30s with inverter. Initiated by the disconnecting external AC breaker in the field.

Model	Attenuators	Initiation Device	Inverter	System Ratings
APsmart's RSD system, PVRSS: Sunspec	ALTENERGY POWER SYSTEM INC. RSD-S-PLC-A RSD-D-15-1000 RSD-D-20-1000 RSD-D-25-1000 RSD-D-15-1500 RSD-D-20-1500 RSD-D-20-1500	Integrated in Fronius inverter as listed in the just right column of this table	Fronius International GmbH Fronius Symo Advanced 10.0-3 208- 240 Fronius Symo Advanced 12.0-3 208- 240	600 Vdc maximum system voltage. Rapid shutdown time limit 30s with inverter. Initiated by the loss of AC power
			Fronius International GmbH Fronius Symo Advanced 15.0-3 480 Fronius Symo Advanced 20.0-3 480	1000 Vdc maximum system voltage.



A Fr A Fr	Fronius Symo Advanced 22.7-3 480 Fronius Symo Advanced 24.0-3 480 Fronius International GmbH	Rapid shutdown time limit 30s with inverter Initiated by the loss of AC power 600 Vdc maximum
Pr 20 Pr 20 Pr	Primo GEN24 3.8 208-240 Primo GEN24 5.0 208-240 Primo GEN24 6.0 208-240	Rapid shutdown time limit 30s with inverter.
		Initiated by external buttons with signal wire connected to the WSD interface of the Inverter.
Integrated in Ginlong inverters as listed in the just right column of this table	Ginlong Technologies Co., Ltd. Solis-50K-US-SW; Solis-50K-US-LSW; Solis-66K-US-F-SW; Solis-66K-US-F-LSW; Solis-60K-US-F-LSW; Solis-50K-US-F-LSW; Solis-50K-US-F-SW; Solis-40K-US-F-SW; Solis-40K-US-SW; Solis-36K-US-SW; Solis-36K-US-F-SW; Solis-30K-US-F-SW;	1000 Vdc maximum system voltage. Rapid shutdown time limit 30s with inverter. Initiated by the loss of AC power
Se Se Se	Solis-30K-US-LSW; Solis-30K-US-SW; Solis-25K-US-SW; Solis-25K-US-F-SW; Solis-25K-US-LSW;	



Integrated in Ginlong inverters as listed in the just right column of this table	Ginlong Technologies Co., Ltd. Solis-1P10K-4G-US; Solis-1P9K-4G-US; Solis-1P8.6K-4G-US; Solis-1P8K-4G-US; Solis-1P7K-4G-US; Solis-1P7K-4G-US; Solis-1P6K2-4G-US; Solis-1P6K2-4G-US; Solis-1P4.6K-4G-US; Solis-1P4K-4G-US; Solis-1P3K-4G-US; Solis-1P3K-4G-US; Solis-1P2.5K-4G-US; Solis-1P1K-4G-US; Solis-1P1.5K-4G-US;	600 Vdc maximum system voltage. Rapid shutdown time limit 30s with inverter. Initiated by the loss of inverter power of AC Grid.
Integrated in Ginlong inverters as listed in the just right column of this table	Ginlong Technologies Co., Ltd. RHI-1P5K-HVES-5G; RHI-1P6K-HVES-5G; RHI-1P7K-HVES-5G; RHI-1P7.6K-HVES- 5G; RHI-1P8K-HVES-5G; RHI-1P9K-HVES-5G; RHI-1P10K-HVES- 5G;	500 Vdc maximum system voltage. Rapid shutdown time limit 30s with inverter. Initiated by the loss of AC power
Integrated in Candian Solar inverters as listed in the just right column of this table	Canadian Solar Inc. : CSI-66K-T480GL01- UB, CSI-60K-T480GL01- UB, CSI-50K-T480GL01- UB, CSI-40K-T480GL01- UB, CSI-36K-T480GL01- UB, CSI-30K-T480GL01- UB, CSI-25K-T480GL01- UB.	1000 Vdc maximum system voltage. Rapid shutdown time limit 30s with inverter. Initiated by the loss of AC power



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CSI-25KTL-GS-FLB, CSI-30KTL-GS-FLB, CSI-36KTL-GS-FLB, CSI-40KTL-GS-FLB, CSI-40KTL-GS-B,
CSI-50KTL-GS-FLB, CSI-50KTL-GS-B, CSI-60KTL-GS-B, CSI-66KTL-GS-B

Model	Attenuators	Initiation Device	Inverter	System Ratings
APsmart Rapid	ALTENERGY	ALTENERGY	Manufacturer: SolaX	600 Vdc
Shutdown	POWER SYSTEM	POWER SYSTEM	Power Network	maximum system
System, PVRSS:	INC.	INC.	Technology (Zhejiang)	voltage.
Sunspec	RSD-S-PLC-A	Transmitter-PLC	Co., Ltd.	
	RSD-S-PLC-B			Rapid shutdown
	RSD-D-15-1000		Family series (1)	time limit 30 s
	RSD-D-20-1000		Models: A1-Hybrid-	with inverter.
	RSD-D-25-1000		6.0-US, A1-Hybrid-	
	RSD-D-15-1500		7.0-US, A1-Hybrid-	Family series (1)
	RSD-D-20-1500		7.6-US, A1-Hybrid-	Initiated by
	RSD-D-25-1500		8.6-US;	external
			Family series (2) Models: A1-6.0-US, A1-7.0-US, A1-7.6- US, A1-8.6-US	emergency button with signal wire connected to the Inverter's ELV circuit.
				Family series (2) Initiated by the loss of AC Grid.



Model	Attenuators	Initiation Device	Inverter	System Ratings
			Manufacturer: Hanhua	600 Vdc
			Q CELLS America	maximum system
			Inc.	voltage.
			Family series (1):	
			Q. HOME ⁺ HYB-G1-	Rapid shutdown
			X.X series, models:	time limit 30 s
			Q.HOME ⁺ HYB-G1-	with inverter.
			6.0, Q.HOME ⁺ HYB-	
			G1-7.0, Q.HOME ⁺	Family series (1)
			HYB-G1-7.6,	Initiated by
			Q.HOME ⁺ HYB-G1-	external
			8.6;	emergency button
				with signal wire
			Family series (2):	connected to the
			Q.HOME ⁺ AC-G1-	Inverter's ELV
			X.X series, models:	circuit.
			Q.HOME ⁺ AC-G1-6.0,	
			Q.HOME ⁺ AC-G1-7.0,	Family series (2)
			Q.HOME ⁺ AC-G1-7.6,	Initiated by the
			Q.HOME ⁺ AC-G1-	loss of AC Grid.
			8.6;	
			Manufacturer:	600 Vdc
			PointGuard	maximum system
			Energy Inc.	voltage. Rapid
			PG Controller 11.4	shutdown time
			PG Controller 9.6	limit 30 s with
			PG Controller 7.6	inverter. Initiated
			PG Controller 5.7	by DC Switch on
			PG Controller 4.8	the Inverter or
			PG Controller 3.8	external
				emergency button
				with signal wire
				connected to the
				Inverter's ELV
				circuit.



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Model	Attenuators	Initiation Device	Inverter	System Ratings
			Manufacturer:	600 Vdc
			Sigenergy Technology	maximum system
			Co., Ltd.	voltage. Rapid
			SigenStor EC SP US,	shutdown time
			SigenStor EC 11.4 SP	limit 30 s with
			US,	inverter. Initiated
			SigenStor EC 9.6 SP	by DC Switch on
			US,	the Inverter or
			SigenStor EC 7.6 SP	external
			UŠ,	emergency button
			SigenStor EC 5.7 SP	with signal wire
			US,	connected to the
			SigenStor EC 4.8 SP	Inverter's ELV
			UŠ,	circuit.
			SigenStor EC 3.8 SP	
			UŠ	

Model	Attenuators	Initiation Device	Inverter	System Ratings
APsmart Rapid	ALTENERGY	ALTENERGY	FranklinWH Energy	600 Vdc
Shutdown	POWER SYSTEM	POWER SYSTEM	Storage Inc.	maximum system
System,	INC.	INC.	aPower Syyy	voltage. Rapid
PVRSS:	RSD-S-PLC-A	Transmitter-PLC-1P	("yyy" representative	shutdown time
Sunspecs	RSD-S-PLC-B		variable, "y"=A-Z, 0-9,	limit 30 s with
			symbol "-" or blank;	inverter.
			for market purpose	
			only, no technical	
			difference.)	

Note:

1. For details related to rating, size, configuration, etc., reference should be made to the CSA Certification Record, Certificate of Compliance Annex A, or the Descriptive Report.



Master Contract: 259077 Date Issued: July 12, 2025

APPLICABLE REQUIREMENTS

UL Std. No. 1741-Third Edition - Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources (Third Edition, Dated May 19, 2023)
CSA C22.2 No. 330-23 - Photovoltaic rapid shutdown systems

Note: Photovoltaic Rapid Shutdown Function has also been evaluated according to CEC Code, Part I, Rule 64-218; NEC-2017, NEC-2020 and NEC-2023 Section 690.12 applicable requirement.

Notes:

Products certified under Class C531109 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

