

Certificate of Compliance - Annex A

Photovoltaic rapid shutdown system, include: Attenuator and Inverter (Transmitter integrated in the Inverter).

Model	Attenuators	Inverter	System Ratings
Photovoltaic intelligent module level rapid shutdown system	Altenergy Power System Inc.: RSD-S-PLC-A RSD-S-PLC-B	Ginlong: Solis-50K-US-SW; Solis-50K-US-LSW; Solis-66K-US-F-SW; Solis-66K-US-F-LSW; Solis-60K-US-F-SW; Solis-60K-US-F-LSW; Solis-50K-US-F-SW; Solis-50K-US-F-LSW; Solis-40K-US-F-SW; Solis-40K-US-LSW; Solis-40K-US-SW; Solis-36K-US-SW; Solis-36K-US-F-SW; Solis-36K-US-LSW; Solis-30K-US-F-SW; Solis-30K-US-LSW; Solis-30K-US-SW; Solis-25K-US-SW; Solis-25K-US-F-SW; Solis-25K-US-LSW;	1000 Vdc maximum system voltage, . Rapid shutdown time limit 30s with inverter.
		Ginlong: Solis-1P10K-4G-US; Solis-1P9K-4G-US; Solis-1P8.6K-4G-US; Solis-1P8K-4G-US; Solis-1P7.6K-4G-US; Solis-1P7K-4G-US; Solis-1P6K-4G-US; Solis-1P6K2-4G-US; Solis-1P5K-4G-US; Solis-1P4.6K-4G-US; Solis-1P4K-4G-US; Solis-1P3.6K-4G-US; Solis-1P3K-4G-US; Solis-1P2.5K-4G-US; Solis-1P2K-4G-US; Solis-1P1.5K-4G-US; Solis-1P1K-4G-US;	600 Vdc maximum system voltage. Rapid shutdown time limit 30s with inverter.

Note:

1. Photovoltaic Rapid Shutdown Function has also been evaluated according to NEC-2017 Section 690.12 applicable requirement.
2. Attenuators Input: 8~80Vdc, 15Amax per module, 15A max input short circuit. Attenuators Output: 8~80Vdc, 15Amax, 800W max per module.
3. The Rapid shutdown function for the system is initiated by the disconnecting of AC emergency circuit breaker.