

Application Note: Yaskawa Solectria Solar Approved Module-Level Rapid Shutdown Solutions Updated February 9, 2021

By listing Yaskawa Solectria Solar inverters with Tigo, APsmart and NEP PV Rapid Shutdown Equipment and incorporating the corresponding powerline transmitters into our wire boxes, Yaskawa Solectria Solar has made compliance with NEC 690.12 easy for installers. The following matrix outlines the current status of listed PV Rapid Shutdown Systems (PVRSS) approved for use with Yaskawa Solectria Solar transformerless inverters. Please contact Yaskawa Solectria Solar for additional information.

	UL Listing Status	Integrated Wire Box Model # or External Third Party Equipment
PVI 25TL-480-R		
Tigo TS4-A-F (ver 6.7+)	PVRSS Certified	PVI-25TL-480-TGO20 (Inverter + Wire Box with embedded transmitter)
Tigo TS4-A-2F	PVRSS Certified	PVI-25TL-480-TGO20 (Inverter + Wire Box with embedded transmitter)
APsmart RSD-S-PLC	PVRSS Certified	PVI-25TL-480-APS20 (Inverter + Wire Box with embedded transmitter)
NEP PVG-1/2/3/4	PVRSS Certified	External: "NEP PV-Guard Controller / Transmitter Kit" (from NEP distributor)
PVI 25TL-208		
Tigo TS4-A-F (ver 6.7+)	PVRSS Certified	External: "Tigo RSS Transmitter Kit" (from Tigo Distributor)
Tigo TS4-A-2F	PVRSS Certified	External: "Tigo RSS Transmitter Kit" (from Tigo Distributor)
APsmart RSD-S-PLC	PVRSS Certified	PVI-25TL-208WB-APS (Wire Box with embedded transmitter)
NEP PVG-1/2/3/4	PVRSS Certified	External: "NEP PV-Guard Controller / Transmitter Kit" (from NEP distributor)
PVI 50/60TL-480		
Tigo TS4-A-F (ver 6.7+)	PVRSS Certified	PVI-50-60TL-WB-TGO (Wire Box with embedded transmitter)
Tigo TS4-A-2F	PVRSS Certified	PVI-50-60TL-WB-TGO (Wire Box with embedded transmitter)
APsmart RSD-S-PLC	PVRSS Certified	PVI-50-60TL-WB-APS (Wire Box with embedded transmitter)
NEP PVG-1/2/3/4	PVRSS Certified	External: "NEP PV-Guard Controller / Transmitter Kit" (from NEP distributor)
PVI 36TL-480		
Tigo TS4-A-F (ver 6.7+)	PVRSS Certified	External: "Tigo RSS Transmitter Kit" (from Tigo Distributor)
Tigo TS4-A-2F	No	N/A
APsmart RSD-S-PLC	No	N/A
NEP PVG-1/2/3/4	No	N/A
XGI 1000-60/60 and 60/65		
Tigo TS4-A-2F	PVRSS Certified	External: Tigo RSS Transmitter Kit (from Tigo Distributor)

***Bold model numbers signify currently available equipment at Yaskawa Solectria Solar.**

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