



April 16, 2019

## Declaration of Operational Compliance Tigo TS4 Platform and Yaskawa Solectria Inverters

Tigo and Yaskawa Solectria Solar are pleased to announce that inverter products from Yaskawa Solectria Solar in combination with TS4 products from Tigo have achieved UL listing as Photovoltaic Rapid Shutdown Systems. The table below shows the UL listed combinations.

Tigo TS4 Model	Listed Photovoltaic Rapid Shutdown Systems				
	Yaskawa Solectria Solar Inverter Model				
	PVI 23TL	PVI 36TL	PVI 50TL	PVI 60TL	XGI 1000 – 60/60
TS4 - F	--	✓	✓*	✓*	✓
TS4 - R - F	--	✓	✓*	✓*	✓
TS4 - R - F - Duo	--	✓	✓*	✓*	✓
TS4 - O	✓	✓	✓	✓	--
TS4 - R - O	✓	✓	✓	✓	--
TS4 - R - O - Duo	✓	✓	✓	✓	--
TS4 - L	✓	✓	✓	✓	--

\* PVI 50TL and PVI 60TL require firmware V9.0 or later for use with all TS4 –F models

The following additional combinations of Tigo TS4 products and Yaskawa Solectria Solar inverters have been tested and are approved when a Photovoltaic Rapid Shutdown System listing is NOT required.

Tigo TS4 Model	Approved Product Combinations							
	Yaskawa Solectria Solar Inverter Model							
	PVI 23TL**	PVI 28TL**	PVI 36TL**	PVI 50TL	PVI 60TL	XGI 1000 – 60/60	XGI 1000 – 60/65	XGI 1000 – 65/65
TS4 - D	✓	✓	✓	✓*	✓*	✓	✓	✓
TS4 - M	✓	✓	✓	✓*	✓*	✓	✓	✓
TS4 - R - M	✓	✓	✓	✓*	✓*	✓	✓	✓
TS4 - R - M - Duo	✓	✓	✓	✓	✓	✓	✓	✓
TS4 - S	✓	✓	✓	✓	✓	✓	✓	✓
TS4 - R - S	✓	✓	✓	✓	✓	✓	✓	✓
TS4 - R - S - Duo	✓	✓	✓	✓	✓	✓	✓	✓

\*\* PVI 23TL, PVI 28TL, and PVI 36TL require Arc Fault Detection firmware V0.50 or later

Tigo has conducted testing and validated the effective performance of the products together in standard testing environments. Warranties from Yaskawa Solectria Solar and Tigo will remain valid if the design, installation, and operation requirements are followed for each product.

Contact Tigo Support with any questions regarding Tigo TS4 Module Platform equipment at support@tigoenergy.com or (408)402-0802.

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