



Application Note:

Tigo EI Residential Solution Compatibility

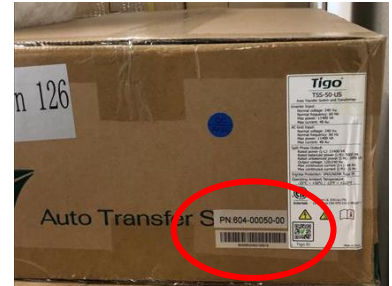
Background

As Tigo’s EI Residential Solution product line grows, we want to ensure that you pair the appropriate EI components for your project. EI component part numbers must be properly matched to their corresponding compatible EI Product.

Summary

1. Tigo EI Residential Solution offerings:
 - a. 3 versions of EI Inverters for the 7.6kW and 11.4kW models
 - b. 2 versions of EI Batteries
 - c. 2 different models of EI Automatic Transfer Switches- 50 amp and 200 amp.

2. Part numbers are printed on the EI component shipping boxes. The distributor must use the part numbers to verify compatibility.



EI Inverter Part Numbers

Inverter Version	Product Name	Old Part Numbers	New Part Numbers	Description
V1	TSI-7.6K-US	601-00076-00		WiFi Only
V1	TSI-7.6K-US	601-00076-05		WiFi, 5-year cellular
V1	TSI-7.6K-US	601-00076-10	These versions will not	WiFi, 10-year cellular
V1	TSI-11.4K-US	602-00114-00	have new part numbers.	WiFi Only
V1	TSI-11.4K-US	602-00114-05		WiFi, 5-year cellular
V1	TSI-11.4K-US	602-00114-10		WiFi, 10-year cellular
V2	TSI-7.6K-US	601-00076-02		WiFi Only
V2	TSI-7.6K-US	601-00076-20	These versions will not	WiFi, 5-year cellular
V2	TSI-7.6K-US	601-00076-25	have new part numbers.	WiFi, 10-year cellular
V2	TSI-11.4K-US	602-00114-02		WiFi Only
V2	TSI-11.4K-US	602-00114-20		WiFi, 5-year cellular
V2	TSI-11.4K-US	602-00114-25		WiFi, 10-year cellular



Inverter Version	Product Name	Old Part Numbers	New Part Numbers	Description
V3	TSI-7.6K-US	601-00076-03	601-2107K6-0003	WiFi Only
V3	TSI-7.6K-US	601-00076-30	601-2107K6-0503	WiFi, 5-year cellular
V3	TSI-7.6K-US	601-00076-35	601-2107K6-1003	WiFi, 10-year cellular
V3	TSI-11.4K-US	602-00114-03	601-2111K4-0003	WiFi Only
V3	TSI-11.4K-US	602-00114-30	601-2111K4-0503	WiFi, 5-year cellular
V3	TSI-11.4K-US	602-00114-35	601-2111K4-1003	WiFi, 10-year cellular

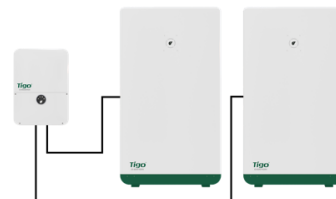
EI Component Compatibility


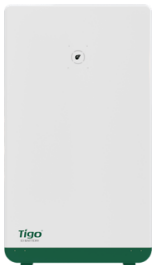



Battery configurations are designated as the number of strings and the number of batteries per string. For example, 1x2 indicates one string of two batteries. A 2x1 configuration means two strings of two batteries.

Example of 1x2 configuration



Example of 2x1 configuration



				
EI Inverter	V1 Battery	V2 Battery	50A ATS	200A ATS



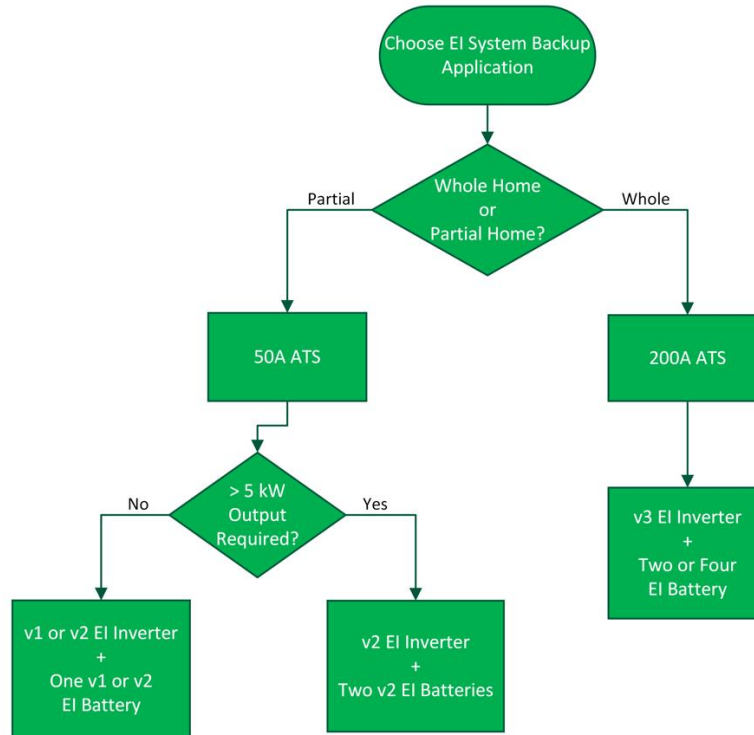
Part Number	603-00000- 10	603-00000- 50	604- 00050 -00	604- 00200 -10
Inverter V1	Yes	Yes ¹	Yes	No
Max Batteries	2 Batteries (1x2)	2 Batteries (1x2)	1 ATS	N/A
Inverter V2	Yes ²	Yes	Yes	No
Max Batteries	2 Batteries (1x2) or (2x1)	4 Batteries (1x2) or (2x2)	1 ATS	N/A
Inverter V3	No	Yes	No	Yes
Max Batteries	N/A	4 Batteries (1x2) or (2x2)	N/A	1 ATS

¹ Requires EI Inverter firmware upgrade

² Requires EI Inverter firmware downgrade



EI Residential Solution Product Selector



If you have any questions about product compatibility, please contact Tigo sales@tigoenergy.com or our Sales Engineering Team se@tigoenergy.com. You can also call +1 408-402-0802 between the hours of 7 AM to 6 PM PST.