



Date: February 14, 2023

Subject: TLE Scalable 40-150kVA Samsung 136S Lithium-ion Runtime charts

Thank you for considering an ABB UPS System with Lithium-ion battery support. The following are runtime chart for TLE Scalable UL. Please cross reference the kVA and runtime in your ABB quotation (bill of material) with this table to see the corresponding battery backup string quantity in your quotation.

In addition, separate startup and commissioning line item is required for Lithium-ion solutions to insure safe and proper installation of battery system by ABB Field Services. Please insure there this a specific line item chosen and listed in the solution bill of material.

TLE Scalable UPS:

DC junction cabinet are required with 2 or more battery strings in parallel to accommodate multiple DC cables prior to UPS landing.

	1 String	2 String	3 String	4 String	5 String	6 String	7 String	8 String
TLE Scalable	Min BOL	Min BOL	Min BOL	Min BOL	Min BOL	Min BOL	Min BOL	Min BOL
40	44	89	134					
50	37	72	106	145				
80	21	44	66	89	111			
100	15	36	52	71	89	106		
120	13	30	44	59	75	89	104	119
150	10	23	37	47	59	72	83	95

To learn more about our ABB UPS offer please visit us at <https://electrification.us.abb.com/>

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