



Date: October 15, 2021

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	47	90	140					
50	38	75	110	150				
80	23	47	70	93	115			
100	17	38	56	76	94	112		
120	14	32	47	62	79	94	109	126
150	10	24	38	50	62	76	87	100

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

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ABB Inc.

5900 Eastport Blvd., Bldg. V
Richmond, VA 23231
Phone: +1 800 238 5000
Fax: +1 804 236 4040
abb.com/ups