



# NexSys<sup>®</sup> iON

ADVANCED LITHIUM-ION  
TECHNOLOGY



Featuring the industry's most advanced Lithium-ion (Li-ion) technology, NexSys<sup>®</sup> iON batteries are built to the highest safety, design and manufacturing standards. Sustainable high performance cell chemistry and fully integrated battery management controls support greater safety, reliability and battery life.

Virtually maintenance-free NexSys<sup>®</sup> iON batteries also combine rapid recharge rates with optimized, plug-and-play opportunity charging so operations can spend more time on their core business activities.



Model Number	Variant	Voltage (V)	Nominal Voltage	Total Ah Capacity	Module kWh	Configured kWh	Modules				Inner Tray Dimensions (in/mm)		
							Maximum	Populated	Fully Populated (Y/N)	Minimum	L	W	H
24-L1-20-4.7	20	24	25.6	185	4.7	4.7	1	1	Y	1	23.7 (602)	5.1 (130)	19.1 (486)
24-L1-24-9.5	24	24	25.6	370	4.7	9.5	3	2	N	2	31.8 (807)	10.6 (268)	19.1 (486)
36-L1-40-8.1	40	36	36.5	222	4.1	8.1	3	2	N	2	31.8 (807)	10.2 (260)	19.1 (486)
36-L1-40-12.2	40	36	36.5	333	4.1	12.2	3	3	Y	2	31.8 (807)	10.2 (260)	19.1 (486)
36-L1-42-12.2	42	36	36.5	333	4.1	12.2	5	3	N	3	31.8 (807)	14.7 (374)	19.1 (486)
36-L1-42-16.2	42	36	36.5	444	4.1	16.2	5	4	N	3	31.8 (807)	14.7 (374)	19.1 (486)
36-L1-42-20.3	42	36	36.5	555	4.1	20.3	5	5	Y	3	31.8 (807)	14.7 (374)	19.1 (486)
36-L1-46-16.2	46	36	36.5	444	4.05	16.2	7	4	N	4	31.8 (807)	19.2 (488)	19.1 (486)
36-L1-46-20.3	46	36	36.5	555	4.05	20.3	7	5	N	4	31.8 (807)	19.2 (488)	19.1 (486)
36-L1-46-24.3	46	36	36.5	666	4.05	24.3	7	6	N	4	31.8 (807)	19.2 (488)	19.1 (486)
36-L1-46-28.4	46	36	36.5	777	4.05	28.4	7	7	Y	4	31.8 (807)	19.2 (488)	19.1 (486)
36-L1-48-20.3	48	36	36.5	555	4.05	20.3	9	5	N	5	31.8 (807)	23.7 (602)	19.1 (486)
36-L1-48-24.3	48	36	36.5	666	4.05	24.3	9	6	N	5	31.8 (807)	23.7 (602)	19.1 (486)
36-L1-48-28.4	48	36	36.5	777	4.05	28.4	9	7	N	5	31.8 (807)	23.7 (602)	19.1 (486)
36-L1-48-32.4	48	36	36.5	888	4.05	32.4	9	8	N	5	31.8 (807)	23.7 (602)	19.1 (486)
36-L1-48-36.5	48	36	36.5	999	4.05	36.5	9	9	Y	5	31.8 (807)	23.7 (602)	19.1 (486)
48-L1-60-7.6	60	48	51.1	148	3.78	7.6	3	2	N	2	31.8 (807)	10.2 (260)	19.1 (486)
48-L1-60-11.3	60	48	51.1	222	3.78	11.3	3	3	Y	2	31.8 (807)	10.2 (260)	19.1 (486)
48-L1-62-11.3	62	48	51.1	222	3.78	11.3	5	3	N	3	31.8 (807)	14.7 (374)	19.1 (486)
48-L1-62-15.1	62	48	51.1	296	3.78	15.1	5	4	N	3	31.8 (807)	14.7 (374)	19.1 (486)
48-L1-62-18.9	62	48	51.1	370	3.78	18.9	5	5	Y	3	31.8 (807)	14.7 (374)	19.1 (486)
48-L1-64-15.1	64	48	51.1	296	3.78	15.1	7	4	N	4	31.8 (807)	19.2 (488)	19.1 (486)
48-L1-64-18.9	64	48	51.1	370	3.78	18.9	7	5	N	4	31.8 (807)	19.2 (488)	19.1 (486)
48-L1-64-22.7	64	48	51.1	444	3.78	22.7	7	6	N	4	31.8 (807)	19.2 (488)	19.1 (486)
48-L1-64-26.5	64	48	51.1	518	3.78	26.5	7	7	Y	4	31.8 (807)	19.2 (488)	19.1 (486)
48-L1-66-18.9	66	48	51.1	370	3.78	18.9	9	5	N	5	31.8 (807)	23.7 (602)	19.1 (486)
48-L1-66-22.7	66	48	51.1	444	3.78	22.7	9	6	N	5	31.8 (807)	23.7 (602)	19.1 (486)
48-L1-66-26.5	66	48	51.1	518	3.78	26.5	9	7	N	5	31.8 (807)	23.7 (602)	19.1 (486)
48-L1-66-30.3	66	48	51.1	592	3.78	30.3	9	8	N	5	31.8 (807)	23.7 (602)	19.1 (486)
48-L1-66-34.0	66	48	51.1	666	3.78	34.0	9	9	Y	5	31.8 (807)	23.7 (602)	19.1 (486)
48-L1-72-30.3	72	48	51.1	592	3.78	30.3	15	8	N	8	37.2 (944)	31.8 (807)	19.1 (486)
48-L1-72-34.0	72	48	51.1	666	3.78	34.0	15	9	N	8	37.2 (944)	31.8 (807)	19.1 (486)
48-L1-72-37.8	72	48	51.1	740	3.78	37.8	15	10	N	8	37.2 (944)	31.8 (807)	19.1 (486)
48-L1-72-41.6	72	48	51.1	814	3.78	41.6	15	11	N	8	37.2 (944)	31.8 (807)	19.1 (486)
48-L1-72-45.4	72	48	51.1	888	3.78	45.4	15	12	N	8	37.2 (944)	31.8 (807)	19.1 (486)
48-L1-72-49.2	72	48	51.1	962	3.78	49.2	15	13	N	8	37.2 (944)	31.8 (807)	19.1 (486)
48-L1-72-52.9	72	48	51.1	1036	3.78	52.9	15	14	N	8	37.2 (944)	31.8 (807)	19.1 (486)
48-L1-72-56.7	72	48	51.1	1110	3.78	56.7	15	15	Y	8	37.2 (944)	31.8 (807)	19.1 (486)

Additional variants available soon.

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