



NexSys[®] iON

ADVANCED LITHIUM-ION
TECHNOLOGY



Featuring the industry's most advanced Lithium-ion (Li-ion) technology, NexSys[®] 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.

Maintenance-free NexSys[®] 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.



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UL listing applies only to units
manufactured in the United States.



Model Number	Variant	Voltage (V)	Nominal Voltage	Total Ah Capacity	Module kWh	Configured kWh	Modules				Inner Tray Dimensions inches (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)
24-L1-24-14.2	24	24	25.6	555	4.7	14.2	3	3	Y	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)
80-L1-80-17.8	80	80	80.3	222	8.9	17.8	4	2	N	2	31.8 (807)	23.7 (602)	19.1 (486)
80-L1-80-26.7	80	80	80.3	333	8.9	26.7	4	3	N	2	31.8 (807)	23.7 (602)	19.1 (486)
80-L1-80-35.7	80	80	80.3	444	8.9	35.7	4	4	Y	2	31.8 (807)	23.7 (602)	19.1 (486)
80-L1-82-44.6	82	80	80.3	555	8.9	44.6	7	5	N	5	37.2 (944)	31.8 (807)	19.1 (486)
80-L1-82-53.5	82	80	80.3	666	8.9	53.5	7	6	N	5	37.2 (944)	31.8 (807)	19.1 (486)
80-L1-82-62.4	82	80	80.3	777	8.9	62.4	7	7	Y	5	37.2 (944)	31.8 (807)	19.1 (486)

*80V lithium battery modules are listed as pairs of modules as compared to 24V, 36V and 48V models, which are listed as single physical modules.

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