



Dual-cable charging capability increases power input rates for faster recharging.*



Virtually maintenance-free power with no battery watering or washing requirements and no chance of spills.



Integrated plug-and-play power systems with compatible components from one trusted supplier.



Efficiently charge during breaks to eliminate battery changing, and charge without long equalization.



System power and performance with ownership costs verified before purchase and a warranty you can count on.

THERE'S LITHIUM-ION, THEN THERE'S NEXSYS® ION.

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.

NexSys® iON BATTERIES



UL Listing applies to certain models only

*Optional dual-cable recharging with select EnerSys® batteries and chargers only, please ask your EnerSys® representative for further details.



Model Number	Variant	Voltage	Nominal Voltage	Total Capacity	Module	Configured	Modules			Tray Dimensions					
							Maximum	Populated	Fully Populated	L	L	W	W	H	H
							-	-	Yes / No	mm	inches	mm	inches	mm	inches
#	#	V	-	Ah	kWh	kWh	-	-	Yes / No	mm	inches	mm	inches	mm	inches
24-L1-20-4.7	20	24	25.6	185	4.7	4.7	1	1	Y	610	24.0	130	5.1	510	20.1
24-L1-24-9.5	24	24	25.6	370	4.7	9.5	3	2	N	808	31.8	268	10.6	488	19.2
24-L1-24-14.2	24	24	25.6	555	4.7	14.2	3	3	Y	808	31.8	268	10.6	488	19.2
36-L1-40-8.1	40	36	36.5	222	4.1	8.1	3	2	N	808	31.8	260	10.2	488	19.2
36-L1-40-12.2	40	36	36.5	333	4.1	12.2	3	3	Y	808	31.8	260	10.2	488	19.2
36-L1-42-16.2	42	36	36.5	444	4.1	16.2	5	4	N	808	31.8	374	14.7	488	19.2
36-L1-42-20.3	42	36	36.5	555	4.1	20.3	5	5	Y	808	31.8	374	14.7	488	19.2
36-L1-46-24.3	46	36	36.5	666	4.1	24.3	7	6	N	808	31.8	488	19.2	488	19.2
36-L1-46-28.4	46	36	36.5	777	4.1	28.4	7	7	Y	808	31.8	488	19.2	488	19.2
36-L1-48-32.4	48	36	36.5	888	4.1	32.4	9	8	N	808	31.8	602	23.7	488	19.2
36-L1-48-36.5	48	36	36.5	999	4.1	36.5	9	9	Y	808	31.8	602	23.7	488	19.2
48-L1-60-7.6	60	48	51.1	148	3.8	7.6	3	2	N	808	31.8	260	10.2	488	19.2
48-L1-60-11.3	60	48	51.1	222	3.8	11.3	3	3	Y	808	31.8	260	10.2	488	19.2
48-L1-62-15.1	62	48	51.1	296	3.8	15.1	5	4	N	808	31.8	374	14.7	488	19.2
48-L1-62-18.9	62	48	51.1	370	3.8	18.9	5	5	Y	808	31.8	374	14.7	488	19.2
48-L1-64-22.7	64	48	51.1	444	3.8	22.7	7	6	N	808	31.8	488	19.2	488	19.2
48-L1-64-26.5	64	48	51.1	518	3.8	26.5	7	7	Y	808	31.8	488	19.2	488	19.2
48-L1-66-30.3	66	48	51.1	592	3.8	30.3	9	8	N	808	31.8	602	23.7	488	19.2
48-L1-66-34.0	66	48	51.1	666	3.8	34.0	9	9	Y	808	31.8	602	23.7	488	19.2
48-L1-72-37.8	72	48	51.1	740	3.8	37.8	15	10	N	944	37.2	808	31.8	488	19.2
48-L1-72-41.6	72	48	51.1	814	3.8	41.6	15	11	N	944	37.2	808	31.8	488	19.2
48-L1-72-45.4	72	48	51.1	888	3.8	45.4	15	12	N	944	37.2	808	31.8	488	19.2
48-L1-72-49.2	72	48	51.1	962	3.8	49.2	15	13	N	944	37.2	808	31.8	488	19.2
48-L1-72-52.9	72	48	51.1	1036	3.8	52.9	15	14	N	944	37.2	808	31.8	488	19.2
48-L1-72-56.7	72	48	51.1	1110	3.8	56.7	15	15	Y	944	37.2	808	31.8	488	19.2
80-L1-80-17.8	80	80	80.3	222	8.9	17.8	4	2	N	808	31.8	602	23.7	488	19.2
80-L1-80-26.7	80	80	80.3	333	8.9	26.7	4	3	N	808	31.8	602	23.7	488	19.2
80-L1-80-35.7	80	80	80.3	444	8.9	35.6	4	4	Y	808	31.8	602	23.7	488	19.2
80-L1-82-44.6	82	80	80.3	555	8.9	44.6	7	5	N	944	37.2	808	31.8	488	19.2
80-L1-82-53.5	82	80	80.3	666	8.9	53.5	7	6	N	944	37.2	808	31.8	488	19.2
80-L1-82-62.4	82	80	80.3	777	8.9	62.4	7	7	Y	944	37.2	808	31.8	488	19.2

Final batteries are configured to comply with equipment manufacturer specifications.
 For more information on your equipment's specific battery weight or other requirements, please consult with your EnerSys[®] representative.

Model Number	Tray Reference	Voltage	Nominal Voltage	Total Capacity	Module	Configured	Modules			Tray Dimensions					
							Maximum	Populated	Fully Populated	L	L	W	W	H	H
#	#	V	-	Ah	kWh	kWh	-	-	Yes / No	mm	inches	mm	inches	mm	inches
48-L1-50011-26.1	50011	48	51.1	510	2.6	26.1	12	10	N	1220	48.0	424	16.7	782	30.8
48-L1-50011-31.3	50011	48	51.1	612	2.6	31.3	12	12	Y	1220	48.0	424	16.7	782	30.8
48-L1-50013-20.8	50013	48	51.1	408	2.6	20.8	10	8	N	1220	48.0	352	13.9	782	30.8
48-L1-50013-26.1	50013	48	51.1	510	2.6	26.1	10	10	Y	1220	48.0	352	13.9	782	30.8
48-L1-50024-20.8	50024	48	51.1	408	2.6	20.8	10	8	N	1032	40.6	440	17.3	782	30.8
48-L1-50024-26.1	50024	48	51.1	510	2.6	26.1	10	10	Y	1032	40.6	440	17.3	782	30.8
48-L1-50028-15.6	50028	48	51.1	306	2.6	15.6	7	6	N	1220	48.0	280	11.0	782	30.8
48-L1-50028-18.2	50028	48	51.1	357	2.6	18.2	7	7	Y	1220	48.0	280	11.0	782	30.8
48-L1-50044-31.3	50044	48	51.1	612	2.6	31.3	16	12	N	1220	48.0	496	19.5	782	30.8
48-L1-50044-41.7	50044	48	51.1	816	2.6	41.7	16	16	Y	1220	48.0	496	19.5	782	30.8
48-L1-50045-15.6	50045	48	51.1	306	2.6	15.6	8	6	N	1032	40.6	350	13.8	782	30.8
48-L1-50045-20.8	50045	48	51.1	408	2.6	20.8	8	8	Y	1032	40.6	350	13.8	782	30.8
48-L1-50198-10.4	50198	48	51.1	204	2.6	10.4	4	4	Y	1020	40.2	410	16.1	463	18.2
48-L1-50215-15.6	50215	48	51.1	306	2.6	15.6	8	6	N	1008	39.7	518	20.4	522	20.6
48-L1-50215-20.8	50215	48	51.1	408	2.6	20.8	8	8	Y	1008	39.7	518	20.4	522	20.6
48-L1-55784-13.0	55784	48	51.1	255	2.6	13.0	6	5	N	1030	40.6	619	24.4	402	15.8
48-L1-55784-15.6	55784	48	51.1	306	2.6	15.6	6	6	Y	1030	40.6	619	24.4	402	15.8
48-L1-50229-20.8	50229	48	51.1	408	2.6	20.8	10	8	N	1225	48.2	351	13.8	780	30.7
48-L1-50229-26.1	50229	48	51.1	510	2.6	26.1	10	10	Y	1225	48.2	351	13.8	780	30.7
48-L1-50231-26.1	50231	48	51.1	510	2.6	26.1	12	10	N	1225	48.2	423	16.7	780	30.7
48-L1-50231-31.3	50231	48	51.1	612	2.6	31.3	12	12	Y	1225	48.2	423	16.7	780	30.7
48-L1-50233-31.3	50233	48	51.1	612	2.6	31.3	16	12	N	1225	48.2	495	19.5	780	30.7
48-L1-50233-41.7	50233	48	51.1	816	2.6	41.7	16	16	Y	1225	48.2	495	19.5	780	30.7
48-L1-50507-15.6	50507	48	51.1	306	2.6	15.6	7	6	N	1209	47.6	273	10.7	780	30.7
48-L1-50507-18.2	50507	48	51.1	357	2.6	18.2	7	7	Y	1209	47.6	273	10.7	780	30.7
48-L1-51020-20.8	51020	48	51.1	408	2.6	20.8	10	8	N	1214	47.8	348	13.7	808	31.8
48-L1-51020-26.1	51020	48	51.1	510	2.6	26.1	10	10	Y	1214	47.8	348	13.7	808	31.8
48-L1-52534-15.6	52534	48	51.1	306	2.6	15.6	7	6	N	1209	47.6	273	10.7	778	30.6
48-L1-52534-18.2	52534	48	51.1	357	2.6	18.2	7	7	Y	1209	47.6	273	10.7	778	30.6

*48V range extension, available only in selected regions. Subject to specific application, usage and requirements.
 Final batteries are configured to comply with equipment manufacturer specifications.
 For more information on your equipment's specific battery weight or other requirements, please consult with your EnerSys[®] representative.

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 GLOB-EN-TD-NEX-ION-0125

