



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



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.



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



Model Number	Variant	Voltage	Nominal Voltage	Total Capacity	Module	Configured	Modules			Tray Dimensions						Weight
							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	kg
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	99
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	263
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	263
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	274
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	274
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	409
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	409
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	531
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	531
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	655
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	655
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	285
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	285
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	428
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	428
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	558
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	558
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	668
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	668
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	1090
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	1090
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	1090
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	1090
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	1090
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	1090
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	601
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	601
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	601
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	709
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	709
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	709

Model Number	Tray Reference	Voltage	Nominal Voltage	Total Capacity	Module	Configured	Modules			Tray Dimensions						Weight
							Maximum	Populated	Fully Populated	L	L	W	W	H	H	
#	#	V	-	Ah	kWh	kWh	-	-	Yes / No	mm	inches	mm	inches	mm	inches	kg
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	1063
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	1063
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	892
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	892
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	890
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	890
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	713
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	713
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	1241
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	1241
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	709
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	709
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	512
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	450
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	450
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	620
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	620
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	875
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	875
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	1055
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	1055
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	1250
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	1250
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	685
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	685
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	925
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	925
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	678
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	678

*48V range extension, available only in selected regions. Subject to specific application, usage and requirements. Speak to your local EnerSys representative for more information.

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