



With opportunity charge up to 300% nominal energy throughput per day for continuous multi-shift operations.



Modular design fits existing trays and the widest range of forklift models.



IoT-enabled technology ensures your battery is ready for the future.



Industry-leading efficiency drives accelerated payback.



Robust battery management controls and time-tested features meet the most stringent standards.

NexSys® iON

BATTERIES

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.



Voltage	Nominal Voltage	Model Number	N° modules	Nominal Energy	Equivalent capacity	Max charge current	Max charge rate
V	V	#	#	KWh	Ah	A	C-rate
24	25.76	24-L2-V1M-2,7	1	2.7	104	104	1.00
24	25.76	24-L2-V2M-5,4	2	5.4	208	208	1.00
24	25.76	24-L2-V3M-8,0	3	8.0	312	312	1.00
24	25.76	24-L2-V4M-10,7	4	10.7	416	416	1.00
24	25.76	24-L2-V5M-13,4	5	13.4	520	520	1.00
24	25.76	24-L2-V6M-16,1	6	16.1	624	624	1.00
24	25.76	24-L2-V7M-18,8	7	18.8	728	640	0.88
24	25.76	24-L2-V8M-21,4	8	21.4	832	640	0.77
24	25.76	24-L2-V9M-24,1	9	24.1	936	640	0.68
24	25.76	24-L2-V10M-26,8	10	26.8	1040	640	0.62
24	25.76	24-L2-V11M-29,5	11	29.5	1144	640	0.56
24	25.76	24-L2-V12M-32,1	12	32.1	1248	640	0.51
24	25.76	24-L2-V13M-34,8	13	34.8	1352	640	0.47
24	25.76	24-L2-V14M-37,5	14	37.5	1456	640	0.44
24	25.76	24-L2-V15M-40,2	15	40.2	1560	640	0.41
24	25.76	24-L2-V16M-42,9	16	42.9	1664	640	0.38
24	25.76	24-L2-V17M-45,5	17	45.5	1768	640	0.36
24	25.76	24-L2-V18M-48,2	18	48.2	1872	640	0.34
24	25.76	24-L2-V19M-50,9	19	50.9	1976	640	0.32
24	25.76	24-L2-V20M-53,6	20	53.6	2080	640	0.31
24	25.76	24-L2-V21M-56,3	21	56.3	2184	640	0.29
24	25.76	24-L2-V22M-58,9	22	58.9	2288	640	0.28

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.

Voltage	Nominal Voltage	Model Number	N° modules	Nominal Energy	Equivalent capacity	Max charge current	Max charge rate
V	V	#	#	KWh	Ah	A	C-rate
36	38.64	36-L2-V1M-4,0	1	4.0	104	104	1.00
36	38.64	36-L2-V2M-8,0	2	8.0	208	208	1.00
36	38.64	36-L2-V3M-12,1	3	12.1	312	312	1.00
36	38.64	36-L2-V4M-16,1	4	16.1	416	416	1.00
36	38.64	36-L2-V5M-20,1	5	20.1	520	520	1.00
36	38.64	36-L2-V6M-24,1	6	24.1	624	624	1.00
36	38.64	36-L2-V7M-28,1	7	28.1	728	640	0.88
36	38.64	36-L2-V8M-32,1	8	32.1	832	640	0.77
36	38.64	36-L2-V9M-36,2	9	36.2	936	640	0.68
36	38.64	36-L2-V10M-40,2	10	40.2	1040	640	0.62
36	38.64	36-L2-V11M-44,2	11	44.2	1144	640	0.56
36	38.64	36-L2-V12M-48,2	12	48.2	1248	640	0.51
36	38.64	36-L2-V13M-52,2	13	52.2	1352	640	0.47
36	38.64	36-L2-V14M-56,3	14	56.3	1456	640	0.44
36	38.64	36-L2-V15M-60,3	15	60.3	1560	640	0.41
36	38.64	36-L2-V16M-64,3	16	64.3	1664	640	0.38
36	38.64	36-L2-V17M-68,3	17	68.3	1768	640	0.36
36	38.64	36-L2-V18M-72,3	18	72.3	1872	640	0.34
36	38.64	36-L2-V19M-76,4	19	76.4	1976	640	0.32
36	38.64	36-L2-V20M-80,4	20	80.4	2080	640	0.31
36	38.64	36-L2-V21M-84,4	21	84.4	2184	640	0.29
36	38.64	36-L2-V22M-88,4	22	88.4	2288	640	0.28

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Voltage	Nominal Voltage	Model Number	N° modules	Nominal Energy	Equivalent capacity	Max charge current	Max charge rate
V	V	#	#	KWh	Ah	A	C-rate
48	51.52	48-L2-V1M-5.4	1	5.4	104	104	1.00
48	51.52	48-L2-V2M-10.7	2	10.7	208	208	1.00
48	51.52	48-L2-V3M-16.1	3	16.1	312	312	1.00
48	51.52	48-L2-V4M-21.4	4	21.4	416	416	1.00
48	51.52	48-L2-V5M-26.8	5	26.8	520	520	1.00
48	51.52	48-L2-V6M-32.1	6	32.1	624	624	1.00
48	51.52	48-L2-V7M-37.5	7	37.5	728	640	0.88
48	51.52	48-L2-V8M-42.9	8	42.9	832	640	0.77
48	51.52	48-L2-V9M-48.2	9	48.2	936	640	0.68
48	51.52	48-L2-V10M-53.6	10	53.6	1040	640	0.62
48	51.52	48-L2-V11M-58.9	11	58.9	1144	640	0.56
48	51.52	48-L2-V12M-64.3	12	64.3	1248	640	0.51
48	51.52	48-L2-V13M-69.7	13	69.7	1352	640	0.47
48	51.52	48-L2-V14M-75.0	14	75.0	1456	640	0.44
48	51.52	48-L2-V15M-80.4	15	80.4	1560	640	0.41
48	51.52	48-L2-V16M-85.7	16	85.7	1664	640	0.38
48	51.52	48-L2-V17M-91.1	17	91.1	1768	640	0.36
48	51.52	48-L2-V18M-96.4	18	96.4	1872	640	0.34
48	51.52	48-L2-V19M-101.8	19	101.8	1976	640	0.32
48	51.52	48-L2-V20M-107.2	20	107.2	2080	640	0.31
48	51.52	48-L2-V21M-112.5	21	112.5	2184	640	0.29
48	51.52	48-L2-V22M-117.9	22	117.9	2288	640	0.28

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.

Voltage	Nominal Voltage	Model Number	N° modules	Nominal Energy	Equivalent capacity	Max charge current	Max charge rate
V	V	#	#	KWh	Ah	A	C-rate
80	83.72	80-L2-V1M-8.7	1	8.7	104	104	1.00
80	83.72	80-L2-V2M-17.4	2	17.4	208	208	1.00
80	83.72	80-L2-V3M-26.1	3	26.1	312	312	1.00
80	83.72	80-L2-V4M-34.8	4	34.8	416	416	1.00
80	83.72	80-L2-V5M-43.5	5	43.5	520	520	1.00
80	83.72	80-L2-V6M-52.2	6	52.2	624	624	1.00
80	83.72	80-L2-V7M-60.9	7	60.9	728	640	0.88
80	83.72	80-L2-V8M-69.7	8	69.7	832	640	0.77
80	83.72	80-L2-V9M-78.4	9	78.4	936	640	0.68
80	83.72	80-L2-V10M-87.1	10	87.1	1040	640	0.62
80	83.72	80-L2-V11M-95.8	11	95.8	1144	640	0.56

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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