

How lithium-ion batteries measure up

Battery Technology	Capacity (1C rate)	Weight	Voltage Output	Useful Life	Maintenance
TB14 Lithium-ion Aircraft Battery	13 amp-hour	10.0 lbs.	26.4 VDC	8 years (average)	On-condition
Lead-acid Battery	13.6 amp-hour	29.5 lbs.	24 VDC	2 – 4 years	Annual
Nickel-cadmium Battery	15 amp-hour	36.8 lbs.	24 VDC	5 – 10 years	200 – 400 hours

Battery Technology	Capacity (1C rate)	Weight	Voltage Output	Useful Life	Maintenance
TB17 Lithium-ion Aircraft Battery	17 amp-hour	16.0 lbs.	26.4 VDC	8 years (average)	2 years
Lead-acid Battery	17 amp-hour	43.0 lbs.	24 VDC	2 – 4 years	Annual
Nickel-cadmium Battery	17 amp-hour	38.5 lbs.	24 VDC	5 – 10 years	200 – 400 hours

Battery Technology	Capacity (1C rate)	Weight	Voltage Output	Useful Life	Maintenance
TB20 Lithium-ion Aircraft Battery	20 amp-hour	19.5 lbs.	26.4 VDC	8 years (average)	On-condition
Lead-acid Battery	17 amp-hour	43.0 lbs.	24 VDC	2 – 4 years	Annual
Nickel-cadmium Battery	17 amp-hour	38.5 lbs.	24 VDC	5 – 10 years	200 – 400 hours

Battery Technology	Capacity (1C rate)	Weight	Voltage Output	Useful Life	Maintenance
TB28-12V Lithium-ion Aircraft Battery	26 amp-hour	10.0 lbs.	13.2 VDC	8 years (average)	On-condition
Lead-acid Battery	24 amp-hour	23.5 lbs.	12 VDC	2 – 4 years	Annual

Battery Technology	Capacity (1C rate)	Weight	Voltage Output	Useful Life	Maintenance
TB30 Lithium-ion Aircraft Battery	30 amp-hour	27.7 lbs.	26.4 VDC	8 years (average)	On-condition
Lead-acid Battery	28 amp-hour	62.0 lbs.	24 VDC	2 – 4 years	Annual
Nickel-cadmium Battery	27 amp-hour	54.3 lbs.	24 VDC	5 – 10 years	200 – 400 hours

Battery Technology	Capacity (1C rate)	Weight	Voltage Output	Useful Life	Maintenance
TB40 Lithium-ion Aircraft Battery	40 amp-hour	36.6 lbs.	26.4 VDC	8 years (average)	On-condition
Lead-acid Battery	42 amp-hour	86.0 lbs.	24 VDC	2 – 4 years	Annual
Nickel-cadmium Battery	44 amp-hour	80.0 lbs.	24 VDC	5 – 10 years	200 – 400 hours

Battery Technology	Capacity (1C rate)	Weight	Voltage Output	Useful Life	Maintenance
TB44 Lithium-ion Aircraft Battery	46 amp-hour	51.7 lbs.	26.4 VDC	8 years (average)	2 years
Lead-acid Battery	42 amp-hour	86.0 lbs.	24 VDC	2 – 4 years	Annual
Nickel-cadmium Battery	44 amp-hour	80.0 lbs.	24 VDC	5 – 10 years	200 – 400 hours

Battery Technology	Capacity (1C rate)	Weight	Voltage Output	Useful Life	Maintenance
TB50 Lithium-ion Aircraft Battery	50 amp-hour	43.9 lbs.	26.4 VDC	8 years (average)	On-condition
Lead-acid Battery	42 amp-hour	86.0 lbs.	24 VDC	2 – 4 years	Annual
Nickel-cadmium Battery	44 amp-hour	80.0 lbs.	24 VDC	5 – 10 years	200 – 400 hours

Battery Technology	Capacity (1C rate)	Weight	Voltage Output	Useful Life	Maintenance
TB60 Lithium-ion Aircraft Battery	60 amp-hour	52.9 lbs.	26.4 VDC	8 years (average)	On-condition
Lead-acid Battery	53 amp-hour	98.0 lbs.	24 VDC	2 – 4 years	Annual
Nickel-cadmium Battery	53 amp-hour	105.0 lbs.	25.2 VDC	5 – 10 years	200 – 400 hours

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Certified Lithium-ion Aircraft Batteries

PRODUCT COMPARISON CHART

