TRUE BLUE POWER

Gen5 Advanced Lithium-ion Battery TB20, TB30, TB40, TB50, TB60

Manufactured by Mid-Continent Instrument Co., Inc.



TB20, TB30, TB40, TB50, TB60

Gen5 lithium-ion aircraft batteries address the challenges of lead-acid and NiCad battery technology. The TB20, TB30, TB40, TB50 and TB60 offer on-condition maintenance, eliminating expensive battery maintenance, frequent capacity checks and low-voltage operational delays.

These intelligent battery systems deliver more accurate and more reliable state-of-health and state-of-charge data than any other battery on the market today.

Ultra-lightweight
up to 60% lighter

Product features

CAPACITY	 TB20 20 amp-hour nominal at 23°C/73°F TB30 30 amp-hour nominal at 23°C/73°F TB40 40 amp-hour nominal at 23°C/73°F TB50 50 amp-hour nominal at 23°C/73°F TB60 60 amp-hour nominal at 23°C/73°F
WEIGHT	TB2019.5 lbs. (8.9 kg)TB3027.7 lbs. (12.6 kg)TB4036.6 lbs. (16.7 kg)TB5043.9 lbs. (19.9 kg)TB6052.9 lbs. (24.0 kg)
TECHNOLOGY	Advanced NanoPhosphate® lithium-ion cell chemistry
EFFICIENCY	Higher voltage during engine start — Less wear, less maintenance and increased useful life
PERFORMANCE	Superior high-temperature and cold-weather performance from -40°C to +70°C (-40°F to +158°F)
ENERGY DENSITY	More than 1 amp-hour per pound
INTERNAL HEATER	Automatic internal heater
PROTECTION	Overcharge, over-discharge, over-current, short circuit, over-temperature, under-temperature and charge current limiting
COMMUNICATION	ARINC 429, Analog, Discrete
	Built-in Test (BIT) Indicator communicates real-time state-of-charge and state-of-health
MAINTENANCE	On-condition
DESIGNED AND MANUFACTURED	Wichita, Kansas, USA
WARRANTY	Two-year limited

Kansas

9400 East 34th Street North Wichita, Kansas 67226 USA Tel 316.630.0101 800.821.1212 Fax 316.630.0723 tbp@mcico.com

California

9722 Topanga Canyon Boulevard Chatsworth, California 91311 USA Tel 818.786.0300 800.345.7599 Fax 818.786.2734 tbp@mcico.com

The NanoPhosphate[®] Advantage









truebluepowerusa.com

Superior power by weight or volume in a cost effective solution

NanoPhosphate® NanoPhosphate" is stable chemically, providing the foundation for safe systems

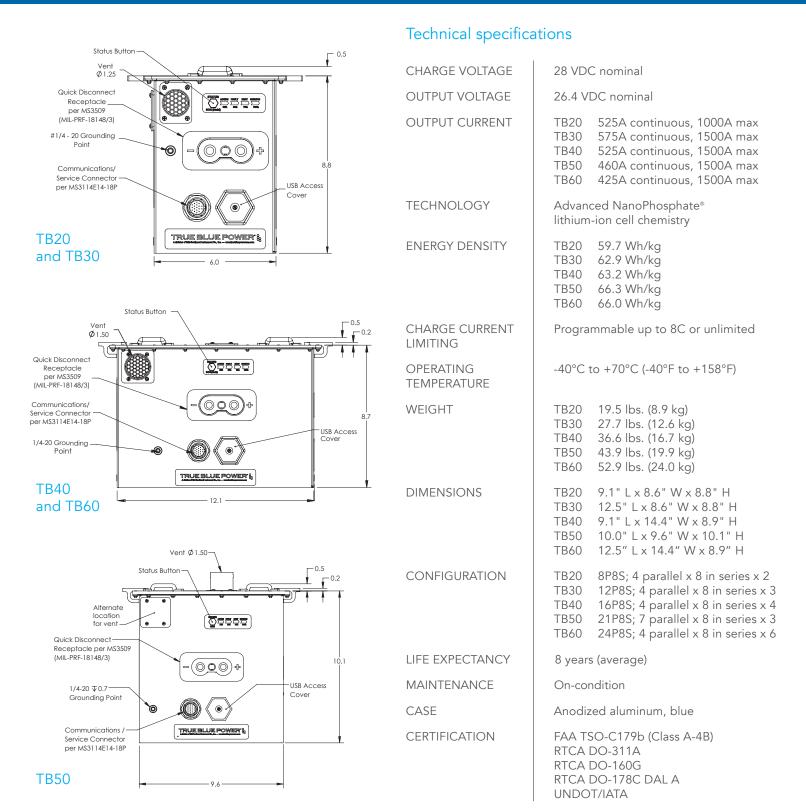
Excellent calendar and cycle life with consistent performance over nded use

Higher usable energy means greater battery utilization and low

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