

# TRUE BLUE POWER BATTERIES

## TRUE BLUE POWER GEN5 TB30 LITHIUM-ION BATTERY



26.4 VDC, 30 Ah, Lithium-ion, TSO  
**Features:** • 30 amp-hour nominal at 23°C/73°F • Weighs 27.7 lbs. — up to 60% less than lead-acid and NiCad solutions • Advanced NanoPhosphate® lithium-ion cell chemistry • Higher voltage during engine start — Less wear, less maintenance and increased useful life • Superior high-temperature and cold-weather performance from -40°C to +70°C (-40°F to +158°F) • More than 1 amp-hour per pound • Automatic internal heater • Overcharge, over-discharge, over-current, short circuit, over-temperature, under-temperature and charge current limiting protection • Built-in Test (BIT) Indicator communicates real-time state-of-charge and state-of-health • On-condition maintenance • Designed and built in Wichita, Kansas, USA • FAA TSO Certified • Two-year limited warranty • Weight: 27.7 lbs. (12.56 kg).....P/N 10-07539

## TRUE BLUE POWER LITHIUM-ION BATTERY 28 WATT TS60 BAYONET



The True Blue Power TS60 series Emergency Battery Power Supply (EBPS) part numbers 6430060-1 are designed to supply DC power for aircraft emergency lighting when aircraft power failure occurs. During normal aircraft operation, the TS60 EBPS will utilize the aircraft's power to recharge or maintain existing charge at full capacity. The TS60 is a sophisticated power system that utilizes state-of-the-art Nanophosphate® lithium-ion battery cell technology which provides improvements in performance, safety, life and weight when compared to traditional or competing aircraft battery systems.  
**Features:** • Provides a constant 6.6 VDC power for emergency lighting systems in the event of electrical system failure • Utilizes advanced NanoPhosphate® lithium-ion cell chemistry • Maintains full charge by recharging during normal flight operations • Recharges 4x faster than competing units • Two-year maintenance schedule • 8 year (average) life expectancy • Two-year limited warranty  
 Weight: 3.8 lbs (1.72 kg).....P/N 10-07531

## TRUE BLUE POWER LITHIUM-ION BATTERY 43 WATT TS60 THREADED



The True Blue Power TS60 series Emergency Battery Power Supply (EBPS) part numbers 6430060-4 are designed to supply DC power for aircraft emergency lighting when aircraft power failure occurs. During normal aircraft operation, the TS60 EBPS will utilize the aircraft's power to recharge or maintain existing charge at full capacity. The TS60 is a sophisticated power system that utilizes state-of-the-art Nanophosphate® lithium-ion battery cell technology which provides improvements in performance, safety, life and weight when compared to traditional or competing aircraft battery systems.  
 Weight: 4.0 lbs (1.81 kg)  
 Threaded.....P/N 10-07530  
 Bayonet.....P/N 10-07529

## TRUE BLUE POWER GEN5 TB30 SERIAL DISCHARGE LITHIUM-ION BATTERY



26.4 VDC, 30 Ah, Serial discharge, Lithium-ion, TSO  
**Features:** • 30 amp-hour nominal at 23°C/73°F • Weighs 27.7 lbs. — up to 60% less than lead-acid and NiCad solutions • Advanced NanoPhosphate® lithium-ion cell chemistry • Higher voltage during engine start — Less wear, less maintenance and increased useful life • Superior high-temperature and cold-weather performance from -40°C to +70°C (-40°F to +158°F) • More than 1 amp-hour per pound • Automatic internal heater • Serial discharge • Overcharge, over-discharge, over-current, short circuit, over-temperature, under-temperature and charge current limiting protection • Built-in Test (BIT) Indicator communicates real-time state-of-charge and state-of-health • On-condition maintenance • Designed and built in Wichita, Kansas, USA • FAA TSO Certified • Two-year limited warranty  
 Weight: 27.7 lbs. (12.56 kg).....P/N 10-07538

## TRUE BLUE POWER TB44 LITHIUM-ION BATTERY



True Blue Power TB44 Lithium-Ion Battery 6430044-2  
**Features:** • 46 amp-hour battery nominal at 23°C/73.4°F • Weighs 51.7 lbs. — 40% lighter than lead-acid or nickel-cadmium alternatives • Advanced Nanophosphate® lithium-ion cell chemistry — 3x the energy per kilogram when compared to lead-acid and nickel-cadmium cells • 7 engine starts in 7 minutes • 15 minutes for complete recharge when the battery is fully discharged on a typical aircraft • Superior performance at extreme temperatures (-40°C/-40°F to +70°C/+158°F) • Automatic internal heater • Overcharge, over-discharge, over-current, short circuit, over-temperature and under-temperature protection • Communicates ARINC 429 data to the cockpit • Higher voltage during engine start — Less wear, less maintenance and increased useful life • 2-year maintenance interval — 50 – 90% savings on maintenance costs • 8 years (average) useful life • Designed and built in Wichita, Kansas, USA • FAA TSO Certified • 2-year limited warranty  
 With Handles.....P/N 10-07527  
 Without Handles.....P/N 10-07528

## TRUE BLUE POWER GEN5 TB20 LITHIUM-ION BATTERY



• 20 amp-hour nominal at 23°C/73°F • Weighs 19.5 lbs. — up to 60% less than lead-acid and NiCad solutions • Advanced NanoPhosphate® lithium-ion cell chemistry • Higher voltage during engine start — Less wear, less maintenance and increased useful life • Superior high-temperature and cold-weather performance from -40°C to +70°C (-40°F to +158°F) • More than 1 amp-hour per pound • Automatic internal heater • Overcharge, over-discharge, over-current, short circuit, over-temperature, under-temperature and charge current limiting protection  
 • Built-in Test (BIT) Indicator communicates real-time state-of-charge and state-of-health • On-condition maintenance • Designed and built in Wichita, Kansas, USA • FAA TSO Certified • Two-year limited warranty • Weight: 19.5 lbs. (8.85 kg).....P/N 10-07541

## TRUE BLUE POWER LITHIUM-ION BATTERY 6430017



Ideal for the piston, turbine, and emergency power market, the TB17 Advanced Lithium-ion Battery starts the aircraft's engine quickly and features superior energy density — NanoPhosphate® lithium-ion cells offer 3x the energy per kilogram, resulting in a battery that is 45% lighter than lead-acid or nickel-cadmium alternatives.  
**Features:** • 17 amp-hour battery nominal at 23°C/73.4°F • Weighs 16 lbs. — 45% lighter than lead-acid or nickel-cadmium alternatives • Advanced NanoPhosphate® lithium-ion cell chemistry — 3x the energy per kilogram when compared to lead-acid and nickel-cadmium cells • 7 engine starts in 7 minutes • 30 minutes (at 34 amps) for complete recharge when the battery is fully discharged • Automatic internal heater • Superior performance at extreme temperatures (-40°C/-40°F to 70°C/158°F) • Overcharge, over-discharge, over-current, short circuit, over-temperature, under-temperature and charge current limiting protection • Communicates battery status to the cockpit • Higher voltage during engine start — Less wear, less maintenance and increased useful life • 2-year maintenance interval — 50 – 90% savings on maintenance costs • 8 years (average) useful life • Designed and built in Wichita, Kansas, USA • Two-year limited warranty • FAA TSO certified  
 P/N 10-07532  
 Quick Disconnect.....P/N 10-07535  
 On/Off Feature.....P/N 10-07537  
 On/Off Feature & Quick Disconnect.....P/N 10-07536

## TRUE BLUE POWER GEN5 TB40 LITHIUM-ION BATTERY



• 40 amp-hour nominal at 23°C/73°F • Weighs 36.6 lbs. — up to 60% less than lead-acid and NiCad solutions • Advanced NanoPhosphate® lithium-ion cell chemistry • Higher voltage during engine start — Less wear, less maintenance and increased useful life • Superior high-temperature and cold-weather performance from -40°C to +70°C (-40°F to +158°F) • More than 1 amp-hour per pound • Automatic internal heater • Overcharge, over-discharge, over-current, short circuit, over-temperature, under-temperature and charge current limiting protection  
 • Built-in Test (BIT) Indicator communicates real-time state-of-charge and state-of-health • On-condition maintenance • Designed and built in Wichita, Kansas, USA • FAA TSO Certified • Two-year limited warranty • Weight: 36.6 lbs. (16.60 kg).....P/N 10-07544

## TRUE BLUE POWER GEN5 TB40 SERIAL DISCHARGE LITHIUM-ION BATTERY



• 40 amp-hour nominal at 23°C/73°F • Weighs 36.6 lbs. — up to 60% less than lead-acid and NiCad solutions • Advanced NanoPhosphate® lithium-ion cell chemistry • Higher voltage during engine start — Less wear, less maintenance and increased useful life • Superior high-temperature and cold-weather performance from -40°C to +70°C (-40°F to +158°F) • More than 1 amp-hour per pound • Automatic internal heater • Serial discharge • Overcharge, over-discharge, over-current, short circuit, over-temperature, under-temperature and charge current limiting protection  
 • Built-in Test (BIT) Indicator communicates real-time state-of-charge and state-of-health • On-condition maintenance • Designed and built in Wichita, Kansas, USA • FAA TSO Certified • Two-year limited warranty • Weight: 36.6 lbs. (16.60 kg).....P/N 10-07542

## TRUE BLUE POWER GEN5 TB60 60 AMP HOUR BATTERY



**Features:** • 60 amp-hour nominal at 23°C/73°F • Weighs 52.9 lbs. — up to 60% less than lead-acid and NiCad solutions • Advanced NanoPhosphate® lithium-ion cell chemistry • Higher voltage during engine start — Less wear, less maintenance and increased useful life • Superior high-temperature and cold-weather performance from -40°C to +70°C (-40°F to +158°F) • More than 1 amp-hour per pound • Automatic internal heater • Overcharge, over-discharge, over-current, short circuit, over-temperature, under-temperature and charge current limiting protection  
 • Built-in Test (BIT) Indicator communicates real-time state-of-charge and state-of-health • On-condition maintenance • Designed and built in Wichita, Kansas, USA • FAA TSO Certified • Two-year limited warranty  
**Specifications:** • Capacity: 60 amp-hour nominal (at 23°C/73°F) • Charge Voltage: 28 VDC nominal • Output Voltage: 26.4 VDC nominal • Output Current: 425A continuous (1,500A max) • Weight: 52.9 lbs. (23.99 kg)  
 P/N 10-07540

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