

APPLICATIONS

- Acoustic studies
- Aerospace analysis
- Automotive safety
- Biomechanics
- Blast dynamics
- Ballistics research
- Helicopter & aircraft
- Parachute deployment
- Pyrotechnic shock
- Ride & handling
- Sound measurement
- Sports & safety equipment
- Vibration testing
- Wind tunnel

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SLICE PRO SYSTEM BATTERY

Reliable On-Board Power Solution



The SLICE PRO System Battery is a next-generation power solution for dynamic testing. Designed to integrate seamlessly with the SLICE PRO Distributor, it delivers high-reliability power optimized for high-channel, multi-ATD crash test configurations. Built for demanding crash test environments, the system provides continuous power for multiple anthropomorphic test devices (ATDs) and SLICE PRO systems for up to 1 hour and 45 minutes.

The SLICE PRO System Battery is engineered to replace legacy DTS batteries, including the TDAS PLUS Mini Smart Battery, TDAS PLUS Smart Battery, Crash Battery, and POWER PRO.

Features

- Crash-hardened Lithium-ion battery
- Reliable, extended battery life
- Supports high-channel count tests & ATDs
- High-shock rated, 100 g
- Aluminum mounting plate included; compatible with SLICE PRO mounting plates
- Easy-to-read LED battery status display



Specifications

MECHANICAL / ENVIRONMENTAL

Dimensions:	235 x 180 x 110 mm
Mass:	8 kg
Enclosure:	Aluminum
Mounting:	Aluminum mounting plate
Shock Rating:	100 g, 12 msec
Operating Temperature:	5°C to 50°C
ESD Protection:	Standard protection for ESD (8kV)

POWER

Voltage Input:	36-56 VDC
Voltage Output:	45 ±2 VDC (Battery) 50 ±2 VDC (Input Connected)
Max Power Output:	600 Watt (Battery)
Battery Capacity:	400 Wh

CALIBRATION

Calibration Supplied:	ISO/IEC 17025 (Accredited), Measurements traceable to SI
Service Options:	OEM, On-site, and Service Contracts available