



SLICE PRO SYSTEM BATTERY

Reliable On-Board Power Solution

Overview

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 highly reliable 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 40 minutes while supporting up to 800 channels.

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.

Applications: Acoustic studies, Aerospace analysis, Automotive safety, Biomechanics, Blast dynamics, Ballistics research, Pyrotechnic shock, Ride & handling, Sound measurement, Vibration testing, Wind tunnel

Features

- Crash-hardened Lithium-ion battery
- Reliable, extended battery life
- Supports high-channel-count tests and ATDs
- High-shock rated, 100 g
- Aluminum mounting plate included; compatible with SLICE PRO mounting plates
- Built-in two-hour battery with automatic charging circuit
- LED indicators for channel and module status

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 Watts (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



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