ATI **ACCURATE TECHNOLOGIES**

DC Booster
Constant Voltage Module

COMPACT & COST EFFECTIVE

ROBUST DESIGN

TEMP RANGE -40 - +85°C
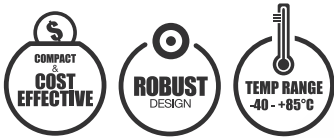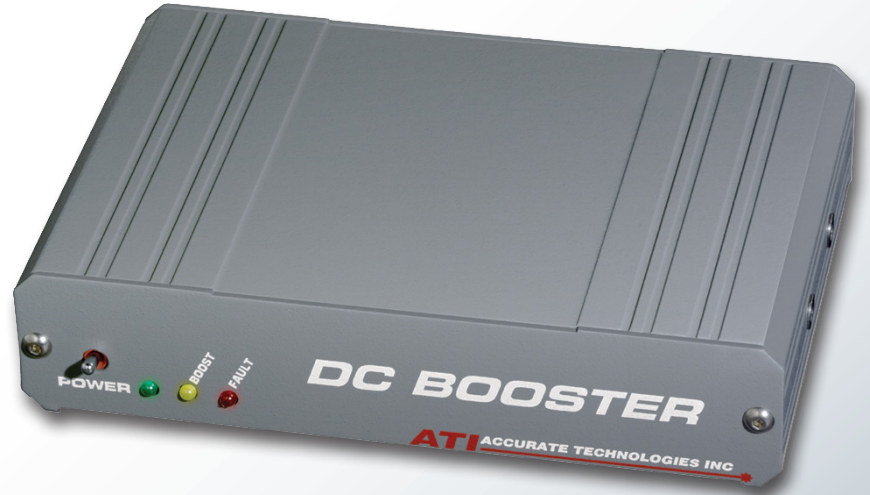
ATI's unique DC Booster Module provides a reliable constant voltage to vehicle test instrumentation during engine cranking or any other low battery event. Designed for rugged automotive test environments, the small package fits in tight spaces.

Rather than using a dedicated, bulky auxiliary battery, the cost-effective DC Booster does not need special wiring or installation and can be re-used from vehicle to vehicle.

Features

- 12 - 18 VDC output
- 3.5 - 18 VDC input
- Efficiency better than 85%
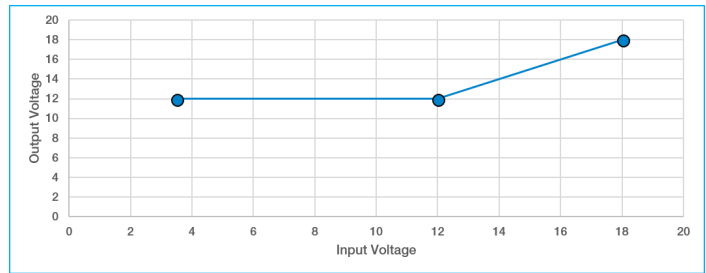- Portable, stackable and reusable

DC Booster has a compact and robust housing design that is portable, stackable and reusable

DATA ACQUISITION

ECU CALIBRATION

ECU RAPID PROTOTYPING

TEST CELL MEASUREMENT

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DC Booster Output Characteristic

Power input voltages below 12VDC are boosted to 12 volts to keep connected equipment powered during transient power sags. Input voltages above 12VDC are passed through with out boosting.

DC Booster Specifications

Indicators	
LEDs	(3) Power, Boost, Full status
Power Input	
Voltage	3.5 – 18 VDC
Current	up to 30 A
Power Output	
Voltage	12 – 18 VDC
Current	7.5 A max
Special Capabilities	
Protection	Protection for over-temperature condition
Operating Conditions	
Connectors	DC Power Input: LEMO 1B-Series 3-pin DC Power Output: LEMO 1B-Series 3-pin Auxiliary Banana Jacks
Temperature Range	-40 °C to +85 °C / -40 °F to +185 °F
Warranty	3 years
Mechanical	
Dimensions	135 x 93 x 29 mm / 5.31 x 3.66 x 1.14 in
Weight	480 g / 16.9 oz

DC Booster Order Information

Product	
Part Numbers	**Description**
156-0001	DC Booster Module

DC Booster Order Information

Accessories		
Part Numbers	**Description**	
USB/Power		
150-0010-6FT 150-0010-12FT 150-0010-33FT	1.83m/6ft 3.66m/12ft 10.1m/33ft	Cable; VISION Hub power cable; LEMO 1B 3-pin plug to banana jacks
150-0025		U-adapter; joins power connectors for stacked VISION Hub and DC booster; LEMO 1B 3-pin, 90°
Hardware		
151-0009		Bracket; side mounting; for stacked VISION Hub and/or auxiliary modules

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