ROM Energy

Hyperion DC Load Bank / Discharger
Technical Specifications

GENERAL	
Type	DC Discharger
Technology	IGBT Control
Control Method	Microprocessor Constant Current Control
Power Factor	1.0
Load Type	Resistive
Battery Types	VRLA, NiCad, Gel, Lithium All Type of Batteries
Current Resolution	1 Amp
Voltage Resolution	1 Vdc
Control Accuracy	±1%
Device Protection	MCB, EPO, Overload, High/Low Voltage Protection
Areas of Use	Battery, DC Motor, Rectifier, Fuel Cells, Alternator Testing
Resistance Material	80/20 Nickel Chrome Resistances
Insulation Voltage	1 kV for 1 min
Load Busbars	Copper Busbar
Connectors	Copper Terminals
Control Type	Digital Control
Time Rating	Continuous
Measurements	Discharge Current, String Voltage, Steps, Discharge Time
Display	HMI Touchscreen
COMMUNICATION	
Optional	Dry Contact Card (up to 7 adjustable relays), RS485 MODBUS
SAFETY and STANDARDS	
Over Voltage	IEEE 587 4500 A
Interference Reduction	Class A
Standards	IEC 62040-1-2-3, EN 50091-1 (Security), EN 50091-2 (EMC), ISO 9001, CE
Heat and Humidity	-10 C° / + 50 C°, 0 - 90% (non-condensing)
Noise Level	60 dB at 2 meters
Cooling	Forced Air Cooling
Usage Area	Indoor or Outdoor

Highlights

- Compact Size
- HMI Panel
- IGBT Controlled
- Fast and Accurate
- Simple Program Menu
- All Type of Batteries
- Parallel Operation
- Low/High Voltage Error Warning
- Remote Monitoring
- Over Temperature Protection
- Long-life Cr-Al Resistances
- Forced Air Cooling
- Steel Cabinet
- Wheels for Mobility
- Corrosion Resistant
- Thermostatically Controlled Fans
- Standard EPO
- Overload Protection
- 2 Years Warranty

General Features

Hyperion Series DC Load Banks are designed for testing batteries, fuel cells, DC power supplies, alternators and DC motors with high mobility and accuracy. IGBT control provides fast and precise control of the load and steps.

Load banks are used in many industrial areas and applications. As energy needs become more and more important day by day, testing, protecting and maintaining the resources that provide this energy temporarily or continuously is becoming more and more important. Hyperion Series Load Bank provides high quality resistors, digitally adjustable load and resolution, corrosion resistant metal enclosure to operate in industrial environments.

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