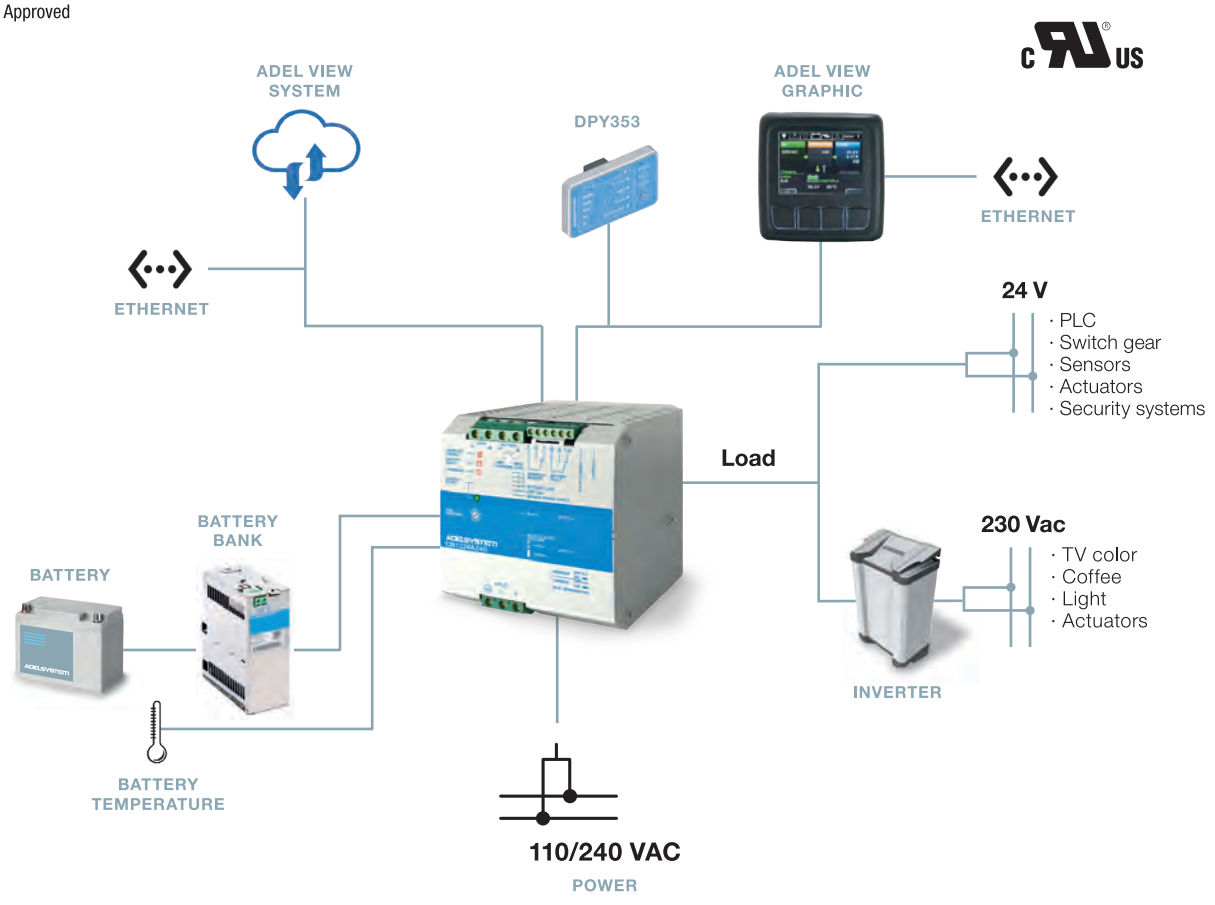
DC-UPS Backup
AT A GLANCE

Order Catalog
PN- 755B

Series	Cat. No.	Rated Current					Universal Input	Switch Select Input	Parallel Option	UL 508 Listed	UL 60950-1 Rec.	UL 62368-1 Rec.	EN 60950-1	EN 62368-1	DC OK	Short Circuit	Overload	Over Voltage	Over Temperature	CB
		5V	12V	15V	24V	48V														
DC-UPS																				
	CBI12xx	–	3-25A		–	–														
	CBI24xx	–	–	–	–	5-10A														
	CBI48xx	–																		
	CBI280xx	–	12V/15A24V/10A																	
	CBI6012A-DS																			
	CBI6024A-DS																			
Battery Charger																				
	CB12xx	–	3-25A	–	–	–														
	CB24xx	–	–	–	3-20A	–														
	CB12245A	–	6A	–	5A	–														
	CB6012A-DS																			
	CB6024A-DS																			
Accessories																				
	PS-RDN	21-28V																		
	PS-UPS	21-28V																		
Multifunction Control Panel and Monitor	DPY351-DS																			
Multifunction Display	DPY353-DS																			
Two Channel Electronic Circuit Breaker	MRF102-DS																			
Redundancy Module	MR220-DS																			

Approved



35 Royal Road • Flemington, NJ 08822-6000 • t 908-806-9400 • f 908-806-9490 • altechcorp.com

Altech® DC-UPS Backup AT A GLANCE

Order Catalog
PN- 755B

CBI DC-UPS



- Combines power supply, charger, care module, and backup module
- Offers three charging modes • Compact, rugged metal case
- Available in 12V DC, 24V DC, and 48V DC
- Suitable for most common battery types
- Adjustable charging current
- Easy battery diagnosis and fault identification
- High efficiency up to 91% • Output protection features
- DIN rail mounting • Small size • 3-year warranty

Battery Charger



- Fully automated charging • Three charging mode
- Compact, rugged metal case • Available in 12V DC and 24V DC
- Suitable for most common battery types
- Adjustable charging current
- Easy battery diagnosis and fault identification
- High efficiency up to 91% • Output protection features
- DIN rail mounting • Small size • 3-year warranty

CBI60



- Input: Single-phase 115 – 230 - 277 Vac
- Output Selectable Load:24V DC 2.5A
- Output Battery charging:24 V DC 2.5A
- Suited for the following battery types: Open Lead
- Acid, Sealed Lead Acid, lead Gel, Ni-Cd, Li-Ion
- Automatic diagnostic of battery status, Battery Life
- Test function (internal Battery Impedance)
- Charging curve IUoU, constant voltage and current
- Four charging levels: Boost, Bulk, Trickle, Recovery
- Protected against short circuit and inverted polarity
- Signal output: for battery Fault, Mains or Back-UP
- Ethernet: SNMP V3, Modbus TCP/IP, HTTPS
- DIN rail and wall mount

CB60



- Input: Single-phase 100 – 240 - 277 Vac
- Output: 12 V DC 5A • Power Supply function
- Suited for the following battery types: Open Lead Acid, Sealed
- Lead Acid, Lead Gel, Ni-Cd
- Battery Care: automatic diagnosis and battery status
- Charging curve IUoU: constant current and constant voltage
- High efficiency with quasi-resonant switching technology
- Charging type: Boost, Absorption, Float, Recovery.
- Protected against short circuit, inverted polarity, over Load.
- Signal output (Free Switch Contact): Fault battery state,
- Mains/Back-Up • Protection degree IP20 • DIN rail or wall Mount

Multifunction Control Panel and Monitor



- High-brightness 3,5" TFT screen for optimal visibility
- Remote management via on-board Ethernet interface
- Gateway for standard protocols like Modbus TCP/IP and SNMP
- Versatile tool for industrial automation, building management systems, and energy management
- User-friendly interface and intuitive navigation
- Built with robust, durable materials

Multifunction Display



- Pocket controller
- Monitors Safety DC-UPS state.
- Monitors all battery types: AGM, Gel, Ni-Cd, Li-Ion.
- Manages connected devices via ADELBus network.
- Features:
  - Charging states
  - Main/Backup CBI condition
  - Fail alarm
  - Diagnostic function
  - State of charge battery
  - Charging Current

Two Channel Electronic Circuit Breaker



- Designed for current distribution and protection of 12V or 24V load circuits.
- Sets rated output current for each channel for 1A...10A via push button.
- Safeguards system components from overload and short-circuits with alarm signal alerting.
- Allows easy adjustment of each channel without tools.
- Wide input voltage range of 8 – 32 V DC for unlimited connection of 12V e 24V power supplies.
- Compact design with a width of 18mm

Redundancy Module



- Suitable for redundant operation of 24V system
- Installed on 35 x 7.5 mm or 35 x 15 mm DIN Rail
- Relay contact signal output and LED indicator for input failure alarm
- Cooling by free air convection
- 3 year warranty

ADVANTAGES

- All-in-one unit: Power supply, back up module, battery charger, battery controller, battery tester
- Universal input voltage, 110 – 230 -277VAC
- Output voltages 12, 24 and 48V DC standard
- Communication protocol: Modbus RTU, Modbus TCP/IP, SNMP
- Diagnostic checks on the internal battery through the Life Test.
- Select the most appropriate charging curve to maximize the system efficiency
- Long-life battery while intensifying its performance (AGM Open Lead Acid/Sealed Lead Acid, Gel, Ni-Cd, Li-Ion)
- Equipped with relays to warn against the power outage and the defective battery
- Conform to the most innovative battery management as electrical safety standards
- DIN Rail mountable

APPLICATIONS

- Industrial Machinery Construction
- Power Continuity - Energy
- Equipment & System Management
- Security Applications • Gen Set
- Renewable Energy • Fire Protection System
- Auxiliary Power Supply • Elevators / Escalators
- Hospital • Transportation
- WISP • Water Treatment
- Network Application • RTU
- Telecommunications • Underground IOT NETWORK
- Environmental Monitoring • Building Automation

COMPETITORS

ABB
Delta
Eaton
Emerson
Omron
Phoenix Contact
Puls
Schneider Electric
Siemens

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