

±24/-48/130 VDC DC-DC Converter Plants

Key Features

- **±24, -48 or 130 VDC Outputs**—for compatibility with a broad range of systems
- **Flexible System Configurations**—accommodate most power supply and distribution requirements
- **Standard and Modular Converters**—to match existing equipment and system flexibility

Description

The Lorain® DC-DC converter plants operate as a DC power supply and distribution center to provide miscellaneous voltages from the office battery. They are complete converter power platforms with ground bar, termination panel, and an easy-to-read status panel with a full array of alarms (LED) with office alarm extension capability and digital or analog metering.

A wide range of quality Lorain equipment can be added to configure the plant to your specific requirements. Add distribution fuse or circuit breaker panels, high visibility digital metering, a converter output disconnect panel, or either HS series or modular DC-DC converters for increased flexibility and efficiency.

The plants can be assembled in 19" (48.26cm) or 23" (58.42cm) relay racks, box frameworks, or in an equipment cabinet. Heat baffles are also available to ensure longer equipment life.

Application

The flexibility of output voltages, distribution and mounting styles make the Lorain DC-DC converter plants ideal for many wireline and wireless applications.

Additional Information

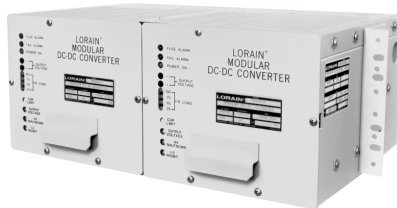
For additional specifications, engineering and installation information, specify model number and spec. number per table A.



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Converters

| TABLE A - DC-DC CONVERTER SELECTION | | | | | | | |
|-------------------------------------|---|-------|---------------|----------------|--------|------|--------------------------------------|
| Model | Spec. No. | Input | | | Output | | Used in Converter Plant Model Number |
| | | Volts | amps | Fuse | Volts | amps | |
| HSB16A | 563500800 | -48 | 12.6 | 15A | ±24 | 16 | 1282A2 584601300 |
| HSB30A | 564500300 | | 23.5 | 30A | | 30 | |
| MODULAR DC-DC CONVERTERS | | | | | | | |
| HSB6H NOTE 1 | 588240500 | -48 | 17.6/ 35.2 | 50A (2) 30A | ±130 | 6/12 | 1284A2 584402600 |
| MZHSA15 NOTE 2 | 588240600 | +24 | 36.3 | 50A | -48 | 3/15 | 1283J2 484621400 |
| MZHSA30 NOTE 2 | 588241300 | | 73.3 | (2) 50A | | 3/30 | |
| MZHSA3B Modules | 486884600 | | | | | 3 | |
| NOTE 1 | One or two part number 486883300 modular 6 amp converter modules can be installed in the model HSB6H, spec. number 588240500 modular converter cabinet. (2) 30 amp input fuses or breakers recommended with (2) module operation. | | | | | | |
| NOTE 2 | Up to five MZHSA3B modules can be used in the MZHSA15; (10) in the MZHSA30. | | | | | | |



Model HSB6H with 2 Modules



Model MZHSA15CAB



Model HSB16A



Model MZHSA30CAB



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