

**Product Features:**

- Full power; Wide AC Range
- Complete System Design
- Extended Temperature Operations; Up to 75 °C
- System Capacity Configurations Range from 1740W to 5800W
- Easy, Manageable Monitor Screen
- Programmable Alarms Across 4 Sets of Dry-Contacts
- Battery Low-Voltage Disconnect
- Integrated Remote Communication Package
- N+1 Configuration
- Quick Check LED Indications
- Standard 19" Wide Rack and Under 11" Deep
- Typical Installations Include 2-4 Compact, High Density and Reliable Switch-Mode Rectifiers
- Built-in Distribution

**Majortel® DC Power System**

The Majortel 1U DC Power system is a compact design, ideal for applications requiring DC Power, up to a 50A/2880W load. The flexible system can support multiple size power applications using 15A or 25A rectifier modules. The shelf is 1.75" tall, 11" deep and occupies a standard 19" wide rack space. The MTS48/50AT-1U (top picture) includes a simple load and battery breaker set-up for bulk feed configuration. The MTS48/30BL-1U (middle picture) is designed with pre-installed circuit breakers.

The Majortel 2U DC Power system is a fully integrated, compact design, ideal for applications requiring DC power, up to a 100A/5800W load. The flexible system can support multiple size power applications using 25A rectifier modules. The shelf is 3.5" tall, 11.5" deep and occupies a standard 19" wide rack space. The MTS 2U system (bottom picture) includes a dual load and battery breaker set-up for bulk feed configuration and 4 additional field configurable load breaker positions.

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## Majortel® DC Power System

### Product Features:

- Full power; Wide AC Range
- Complete System Design
- Extended Temperature Operations; Up to 75 °C
- Easy, Manageable Monitor Screen
- Programmable Alarms Across 4 Sets of Dry-Contacts
- Integrated Remote Communication Package
- Quick Check LED Indications
- Standard 19" Wide Rack and Under 11" Deep



The MTS48/30FL-1U (top picture) is designed with 10 GMT fuse slots and one 30A circuit breaker for battery connected applications. Typical installations include two compact, high density and reliable switch-mode rectifiers, each 15 amps for a total system capacity configuration of 1740W. Installation is made simple with the convenience of standard NEMA line cord AC source connections.

The MTS130/XX-1U (bottom picture) includes a simple 2-pole output breaker configuration suitable for connections to an existing bus, individual load or battery. Installations could include one or two compact, high density and reliable switch-mode rectifiers at 10 amps each for a total system capacity output configuration of 2900W.

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## Selection Guide by Feature-Majortel Power Systems

System #	DC Output Capacity		AC Input		RU	Rectifier Module					DC Output		
	Total Amps	Total Watts	Terminal Block – H/W	Line Cord–6ft NEMA	19" x rack U height	MTR48/15-1U-V13A	MTR48/15-1U-V12A	MTR48/25-1U	MTR24/25-1U	MTR130/10-1U	Fixed - battery	Fixed - load	Field Config -load
MTS24/50AT-1U	50	1600	①		①				②		①	①	
MTS48/30FL-1U	30	1740		②	①	②					①		⑩*
MTS48/30BL-1U	30	1740		②	①		②				①		③
MTS48/50AT-1U	50	2900	①		①			②			①	①	
MTS48/50AT-2U	50	2900	②		②			②			①	②	④
MTS48/75AT-2U	75	4350	②		②			③			①	②	④
MTS48/100AT-2U	100	5800	②		②			④			①	②	④
MTS130/20AT-1U	20	2800	①		①					②	①#		
MTS130/10AT-1U	10	1400	①		①					①	①#		

*note:* The symbol [ ① ] is used to indicate the quantity of a part or component element in a system.

\* - FL system supports GMT fuses only  
 # - 130V system is 2-pole circuit breaker

“Field Configurable” circuit breakers available in 1, 5, 10, 15, 20, 30 amp ratings

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**Product Features:**

- 24V, 48V, 130V Input
- 1 KVA / 800 Watts Output
- 2 KVA / 1600 Watts Output
- 100-120 VAC Range
- 208-240 VAC Range
- Standard 19"/23" width, 2U height rackmount
- Pure Sine Wave Output
- Utility Bypass Function
- Output Overload Protection
- SNMP Communication Option
- User-Friendly LCD and LED Displays
- Input Reverse Polarity Protection
- UL/cUL Approved (60950)

**Majorsine® Series Utility and Telecom Inverters****Product Overview**

Majorsine Power Inverters are currently trusted to support the power needs of critical equipment by many of the largest utility, telecommunications, and cable companies in the world.

Available in multiple DC voltages all with pure sine wave output; the Majorsine is designed to ensure optimal lifespan and performance of even the most sensitive network equipment.

Features such as an integrated static bypass and remote SNMP monitoring enable the Majorsine to add value to your critical power applications beyond simple power conversion.

**Product Features:**

- Wide DC Input Range with User Selectable Output Voltage
- Extended Temperature Operations; Up to 75 °C
- Programmable alarms with Dry-Contacts
- Integrated Remote Communication Package
- Easy, Manageable Monitor Screen
- Quick Check LED Indications
- Standard 19" Wide Rack and Under 11" Deep
- Typical installations include two compact, high density and reliable high frequency 25 amp converters; for a total system capacity configuration of 2900W at 48V output

**Majortel® 130VDC to 48VDC Converter System**

The Majortel 1U Converter System is a sleek, compact design that is ideal for applications requiring 48V DC Power from a 130V DC Power System. Each system is designed to occupy a true 1U (1.75" tall) rack space in a standard 19" wide rack and under 11" deep. Typical installations include two compact, high density and reliable high frequency 25 amp converters, for a total system capacity configuration of 2900W at 48V output.

The MTD48/XX-130-1U system includes a simple Load 1 and Load 2 breaker distribution to support multiple output feed configurations. The system is user configurable for 25A or 50A applications.

### Selection Guide by Feature- Majorsine Power Inverters

System # / Feature	DC Input Voltage			AC Output		Watt / VA & Amps				AC Outlet			RU		
	24	48	130	Input Amps / dc		100; 110; 115; 120	208; 220; 230; 240	800 W / 1000 VA	1600W / 2000 VA	~8 amps / ac	~16 amps / ac	NEMA 5-15R	NEMA 5-20R	IEC-320 C13	19" x rack U height
Majorsine1000-24-2U	◆			50		■		■		■		④			②
Majorsine1000-48-2U		◆		25		■		■		■		④			②
Majorsine2000-48-2U		◆		50		■		■			■		④		②
Majorsine1000-125-2U			◆	10		■		■		■		④			②
Majorsine2000-125-2U			◆	20		■		■			■		④		②
Majorsine1000i-48-2U		◆		25			■	■					④		②
Majorsine2000i-48-2U		◆		50			■	■		■			④		②

**note:** The symbol [ ① ] is used to indicate the quantity of a part or component element in a system.

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