

MTN-Dual Series

6kVA~10kVA

Online double conversion

Tower or 19" rack mount UPS

ecoLiFePO₄

Ready



Product

MTN-Dual series is a online double conversion UPS with full DSP control technology. With 19 inch standard rack design, self-adjusting output frequency, smart battery management system and network management MTN-Dual is a perfect choice for computers, IT equipments and other sensitive devices.

DSP TECHNOLOGY

The advance DSP digital control technology enable UPS more stable performance.

ACTIVE INPUT POWER FACTOR CORRECTION (PFC)

Digitalized control of the PFC enable the UPS to keep input power fact above 0.99 to prevent possible electric grid pollution and meanwhile mostly save the cost.

ZERO POWER SWITCH DELAY

When the utility power fails, UPS will automatically switch from AC mode to battery mode with no delay, which ensures stable power supply of operating system.

ENVIRONMENT FRIENDLY

This UPS is eco-designed and manufactured to meet the most local pollution control requirement of Electronic Products, which mean it will cause no harm to environment and human beings in normal usage.

GENERATOR COMPATIBILITY

The wide range of input voltage and frequency can effectively separate the harmful electric wave produces by the generators and provide safe and reliable power supply.

WIDE RANGE OF INPUT VOLTAGE AND FREQUENCY

We intentionally widen the range of input factors to make sure the UPS can apply to various environment, which will effectively sustain the battery charging even in unstable power environment so that the service life of the UPS could be obviously prolonged.

LiFePO₄ BATTERY ADVANTAGES

- Long battery runtimes – typically 3 times longer than lead-acid batteries
- Very lightweight – each battery pack weighs 44% less than a lead-acid equivalent
- Long service life – more than 10 years; only 4 to 5 years for lead-acid batteries
- Wide-temperature range – tolerates wide temperatures from -20°C to 55°C
- Advanced safety – no thermal runaway issues that are inherent in Lithium-ion chemistry
- Lower lifetime costs – 75 percent less than lead-acid batteries
- Eco-friendly –EPI LiFePO₄ battery is safe for the environment. It has no caustic materials or dangerous odors.

Features

- Wide range of input voltage while input PF>99%
- Output PF of 0.9
- Full protection of over-voltage, circuit short and over temperature
- Network/fax/modem surge protection
- LED/LCD display, monitoring all the operation status
- 19 inch standard cabinet and battery cabinet
- Automatic fan speed adjustment
- Abundant interface : RS232, USB, SNMP, Intelligent Card

Model	MTN-D1106S	MTN-D1110S
	MTN-D1106L	MTN-D1110L
Capacity	6kVA	10kVA
Input Voltage range	110VAC – 288VAC 100% load @ >176VAC; 80% load @ >154VAC 70% load @ >132VAC; 50% load @ >110VAC	
Input Frequency	40-70Hz	
Input P.F.	≥0.99	
Voltage Regulation	±1%	
Output Regulation	50/60Hz	
Output P.F	. 0.9	
Overload Capability (Inverter mode)	110% : to bypass after 10 min; 130% : to bypass after 1min; 150% : to bypass after 10sec; Shutdown after 1min	
Overload Capability (Battery mode)	110% : shutdown after 10min; 125% : shutdown after 10sec; >125% : shutdown after 1sec	
Crest Ratio	3 : 1	
Efficiency	92%	
Display	LED + LCD	
Battery	192VDC	
Charging Current	5A(S); 8A(L)	5A(S); 8A(L)
Interface	RS232, SNMP (option)	
Options	USB, SNMP, ECO kit, Dry Contact, Parallel kit, Battery cabinet	
Operation Temperature	0-40 °C	
humidity	0-95% (non-condensing)	
Dimension W*D*H (mm)	438*680*218	438*680*218
	438*680*130	438*680*130
Net Weight (Kg)	62/18.5	70.5/21.5