

Low Frequency Online Three Phase In Three Phase Out UPS



Features

- All-digital double DSP control, high precision, strong stability;
- 5.5 Inch graphical LCD display, clear and intuitive;
- Each operation can be completed through the touch screen, simple and convenient;
- Three-phase independent real-time control technology to ensure 100% of the three-phase normal operation under unbalanced load;
- Industrial design, to ensure safe operation in harsh environments;
- With output isolation transformer, can directly drive motor class load;
- Perfect protection, ensure system and load safe, reliable;
- Cold start directly, user-friendly and flexible use;
- Advanced network monitoring capabilities, support for multiple operating systems;
- Unique and machine control technology, make and machine more simple;

Specification

Output Verificial power status) Output Verificial power status Out	MODEL		MD-TC1036L	MD-TC1536L	MD-TC2036L	MD-TC3036L
Battery voltage 384VDC Voltage	Capacity		10KVA/8KW	15KVA/12KW	20KVA/16KW	30KVA/24KW
Voltage	Efficiency		>85%			>90%
Input Frequency 50 Hz±10%/60Hz±10% Voltage (Three phase and four wire) 380V/400V/415V±1% (Static State) 380V/400V/415V±3 (Load 0-100% Change) Frequency 50 Hz±0.05%/60Hz±0.05% (The unit shock) Simultaneously with line input (commercial power status) (Overload capacity) (Crest ratio) 3: 1 Degree of distortion THD Output Pure sine wave waveform 100% Operate continuously Unbalanced load Power factor 0.8 Lagging Battery Charge current 6-30A LCD Big screen dot matrix display operating status, menu operation, voltage, current parameter, model LED UPS operation, rectification error, UPS error Communication Port RS232/RS485 Surrounding (Temperature humidity) Temperature 0°C~40°C, Humidity 90% Audible noise <58dB <63dB	Battery voltage		384VDC			
Voltage (Three phase and four wire) 380V/400V/415V±1% (Static State) 380V/400V/415V±3 (Load 0~100% Change) Frequency 50 Hz±0.05%/60Hz±0.05% (The unit shock) Simultaneously with line input (commercial power status) (Overload capacity) (Crest ratio) 3: 1 Degree of distortion THD Output Pure sine wave waveform 100% Operate continuously Unbalanced load Power factor 0.8 Lagging Battery Charge current 6-30A Display LCD Big screen dot matrix display operating status, menu operation, voltage, current parameter, model LED UPS operation, rectification error, UPS error Communication Port RS232/RS485 Surrounding (Temperature humidity) Temperature 0°C~40°C, Humidity 90% Audible noise <58dB <63dB		Voltage	380V/400V/415V±20% (Three phase and four wire)			
Cload 0~100% Change	Input	Frequency	50 Hz±10%/60Hz±10%			
Simultaneously with line input (commercial power status)		Voltage	(Three phase and four wire) 380V/400V/415V±1% (Static State) 380V/400V/415V±3% (Load 0~100% Change)			
Output Output Output Output Degree of distortion THD Output waveform 100% Unbalanced load Power factor Display Display Display Display Display Display Output waveform 100% UPS operation, rectification error, UPS error Communication Port Surrounding (Temperature humidity) Audible noise Output Pure sine wave Power sine wave Operate continuously Operate continuously Operate continuously Operate continuously Unbalanced Ioad Power factor Big screen dot matrix display operating status, menu operation, voltage, current parameter, model LED UPS operation, rectification error, UPS error Communication Port RS232/RS485 Size WxDxH(mm) 660x550x1250	Output	Frequency	·			
Capacity) (Crest ratio) Degree of distortion THD Output waveform 100% Unbalanced load Power factor Display LCD Display LCD Big screen dot matrix display operating status, menu operation, voltage, current parameter, model LED UPS operation, rectification error, UPS error Communication Port Surrounding (Temperature humidity) Temperature 0°C~40°C, Humidity 90% Audible noise Size WxDxH(mm) Si 1 23: 1 24: 100 Phase voltage total harmonic distortion <3%(100% Linear load) 100% Operate continuously 0.8 Lagging 6-30A 6-30A Factor OR Power factor OR OPERATOR Prove sine wave OR OPERATOR OR Power factor OR OR OPERATOR			Simultaneously with line input (commercial power status)			
Output Degree of distortion THD Output Waveform 100% Unbalanced load Power factor Display LCD Display LCD Display LED UPS operation, rectification error, UPS error Communication Port Surrounding (Temperature humidity) Audible noise Size WxDxH(mm) Pure sine wave Poperate continuously Operate continuously 0.8 Lagging 6-30A 6-30A LCD Big screen dot matrix display operating status, menu operation, voltage, current parameter, model LED UPS operation, rectification error, UPS error Communication Port RS232/RS485 Size WxDxH(mm) 660x550x1250		`	When 130% , 10 minutes, when 130-150%, 60 seconds			
Degree of distortion THD Output Pure sine wave waveform 100% Operate continuously Unbalanced load Power factor Battery Charge current Communication Port Communication Port Surrounding (Temperature humidity) Audible noise Pure sine wave Pure sine wave 0.8 Lagging 6-30A 6-30A LCD Big screen dot matrix display operating status, menu operation, voltage, current parameter, model RS232/RS485 Surrounding (Temperature humidity) Temperature 0°C-40°C, Humidity 90% Audible noise Size WxDxH(mm) 660x550x1250		(Crest ratio)	3: 1			
Output waveform 100% Operate continuously Unbalanced load Power factor Battery Charge current CDD Big screen dot matrix display operating status, menu operation, voltage, current parameter, model LED UPS operation, rectification error, UPS error Communication Port Surrounding (Temperature humidity) Temperature 0°C~40°C, Humidity 90% Audible noise Size WxDxH(mm) Pure sine wave Pure sine wave Pure sine wave Responding of the power of the parameter o		Degree of	Phase voltage total harmonic distortion <3%(100% Linear load)			
waveform 100% Unbalanced load Power factor Battery Charge current CD Big screen dot matrix display operating status, menu operation, voltage, current parameter, model LED UPS operation, rectification error, UPS error Communication Port Surrounding (Temperature humidity) Temperature 0°C~40°C, Humidity 90% Audible noise Size WxDxH(mm) Operate continuously Operation operation operation operation operation operation operation		distortion THD				
100% Operate continuously		Output	Pure sine wave			
Unbalanced load Power factor Battery Charge current Communication Port Communication Port Surrounding (Temperature humidity) Audible noise Unbalanced load O.8 Lagging 6-30A Big screen dot matrix display operating status, menu operation, voltage, current parameter, model UPS operation, rectification error, UPS error RS232/RS485 Surrounding (Temperature humidity) Temperature 0°C~40°C, Humidity 90%		waveform				
Display Display Display Display LED Display LED UPS operation, rectification error, UPS error RS232/RS485 Surrounding (Temperature humidity) Temperature 0°C~40°C, Humidity 90% Audible noise Size WxDxH(mm) 660x550x1250 O.8 Lagging O.8 La		100%	Operate continuously			
Power factor Battery Charge current CD Big screen dot matrix display operating status, menu operation, voltage, current parameter, model LED UPS operation, rectification error, UPS error Communication Port RS232/RS485 Surrounding (Temperature humidity) Temperature 0°C~40°C, Humidity 90% Audible noise Size WxDxH(mm) 660x550x1250		Unbalanced				
Battery Charge current Display LCD Big screen dot matrix display operating status, menu operation, voltage, current parameter, model		load				
Display LCD Big screen dot matrix display operating status, menu operation, voltage, current parameter, model		Power factor	0.8 Lagging			
Display parameter, model LED UPS operation, rectification error, UPS error Communication Port RS232/RS485 Surrounding (Temperature humidity) Temperature 0°C~40°C, Humidity 90% Audible noise <58dB <63dB Size W×D×H(mm) 660×550×1250	Battery Charge current		6-30A			
Communication Port RS232/RS485 Surrounding (Temperature humidity) Temperature 0°C~40°C, Humidity 90% Audible noise <58dB <63dB Size WxDxH(mm) 660x550x1250	Display	LCD	Big screen dot matrix display operating status, menu operation, voltage, current, parameter, model			
Surrounding (Temperature humidity) Audible noise Size WxDxH(mm) Temperature 0°C~40°C, Humidity 90% <63dB 660x550x1250		LED	UPS operation, rectification error, UPS error			
(Temperature humidity) Temperature 0°C~40°C, Humidity 90% Audible noise <58dB	Communication Port		RS232/RS485			
Audible noise <58dB	Surrounding					
Size W×D×H(mm) 660×550×1250	(Temperature humidity)		Temperature 0°C~40°C, Humidity 90%			
	Audible noise		<58dB <63dB			
Weight (kg) 171/207 181/217 200/236 248/284	Size W×D×H(mm)		660×550×1250			
	Weight (kg)		171/207	181/217	200/236	248/284