Voltsure[™] UPS

NODEL		Ultima 400	Ultima 600	Ultima 800
APACITY	VA/W	400VA/240W	600VA/360W	800VA/480W
INPUT	Voltage		120VAC or 220/230/240VAC	
	Voltage range		85-140VAC or 162-290VAC	
	Frequency		45-65 Hz (auto sensing)	
	Voltage		120/220/230/240VAC	
	Voltage regulation		1.000	
	(batt. mode)		+/-10%	
	Frequency		50Hz or 60Hz	
	Frequency regulation (batt. mode)		+/-1 Hz	
	Output waveform		modified sinewave	
BATTERY	Battery type	12V 4.5Ah x 1	12V7Ah x 1	12V9Ah x 1
	Recharge time	121 4.3411 1	8 hours to 90% after complete discharge	
RANSFER TIME	Typical		2-6 ms	
AUDIBLE ALARM	AC mode		green lighting	
	Backup mode		green flashing	
	Backup mode		sounding every 10 seconds	
	Low battery		sounding every to second	
	Overload		sounding every 0.5 second	
	Battery replacement		sounding every 2 seconds	
	Fault		continuously sounding	
PROTECTION	Full protection		discharge, overcharge, and overload protection	
PHYSICAL	Dimension (mm),		aloonargo, ovorenargo, ana overtoau protection	
THOTOML	Dimension (mm), D x W x H		330 x 100 x 140	
WEIGHT	Net weight	5kgs	6kgs	6.5kgs
ENVIRONMENT	Operating			-
INTERFACE	environment		0- 40°C, 0-90 % relative humidity	
			(non-condensing)	
	Noise level		Less than 40dB	
	RS-232	Windows, Su	n Solaris, IBM Aix, Compaq True64, UnixWare, FreeBSD, HP	-UX, Linux, MAC
	USB		Windows 98/2000/ME/XP	
MODEL		Ultima 1000	Ultima 1400	Ultima 2000
CAPACITY	VA/W	1000VA/600W	1400VA/840W	2000VA/1080W
INPUT	Voltage	220/230/240VAC	220/230/240VAC	220/230/240VAC
	Voltage range	89-145VAC/160-290VAC	166-280VAC	166-280VAC
	Frequency	50 or 60 Hz	50 or 60 Hz	50 or 60 Hz
	riequency	220/230/240VAC	220/230/240VAC	220/230/240VAC
	Voltago		220/230/240VAC	220/230/240 VAG
DUTPUT	Voltage			
JUTPUT	Voltage regulation		+/-10% at load <50%	+/-10% at load <50%
		+/-10% at load <50% 50Hz or 60Hz	+/-10% at load <50% 50Hz or 60Hz	+/-10% at load <50% 50Hz or 60Hz
	Voltage regulation (batt. mode) Frequency	+/-10% at load <50%		
	Voltage regulation (batt. mode)	+/-10% at load <50%		
	Voltage regulation (batt. mode) Frequency Frequency regulation	+/-10% at load <50% 50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz
	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode)	+/-10% at load <50% 50Hz or 60Hz +/-1 Hz	50Hz or 60Hz +/-1 Hz	50Hz or 60Hz +/-1 Hz
	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode) Output waveform	+/-10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave	50Hz or 60Hz +/-1 Hz modified sinewave	50Hz or 60Hz +/-1 Hz modified sinewave
BATTERY	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode) Output waveform Battery type and number	+/-10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave 12V/7AH x 2pcs	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs
BATTERY TRANSFER TIME	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode) Output waveform Battery type and number Recharge time	+/- 10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours
BATTERY TRANSFER TIME	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode) Output waveform Battery type and number Recharge time Typical	+/- 10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting The second to fifth green LEDs gradually lighting, indicating	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours
BATTERY TRANSFER TIME	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode) Output waveform Battery type and number Recharge time Typical AC mode	+/- 10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting The second to fifth green LEDs gradually lighting, indicating load level	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours
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3ATTERY TRANSFER TIME NDICATOR	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode) Output waveform Battery type and number Recharge time Typical AC mode	+/-10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting The second to fifth green LEDs gradually lighting, indicating load level The first green LED flashing The second to fifth green LEDs gradually lighting, indicating	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours
AULT	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode) Output waveform Battery type and number Recharge time Typical AC mode	+/-10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting The second to fifth green LEDs gradually lighting, indicating load level The first green LED flashing The second to fifth green LEDs gradually lighting, indicating battery capacity	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours
3ATTERY TRANSFER TIME NDICATOR	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode) Output waveform Battery type and number Recharge time Typical AC mode Battery mode Battery mode	+/-10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting Inde level The second to fifth green LEDs gradually lighting, indicating load level The first green LED flashing The second to fifth green LEDs gradually lighting, indicating battery capacity Red LED lighting	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours
AULT	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode) Output waveform Battery type and number Recharge time Typical AC mode Battery mode	+/-10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting Inad level The second to fifth green LEDs gradually lighting, indicating load level The first green LED flashing The second to fifth green LEDs gradually lighting, indicating battery capacity Red LED lighting sounding every 10 seconds sounding every second	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours
BATTERY TRANSFER TIME NDICATOR	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode) Output waveform Battery type and number Recharge time Typical AC mode Battery mode Battery mode Low battery Overload	+/-10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting Inad level The second to fifth green LEDs gradually lighting, indicating load level The first green LED flashing The second to fifth green LEDs gradually lighting, indicating battery capacity Red LED lighting sounding every 10 seconds sounding every 0.5 second	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours
BATTERY TRANSFER TIME NDICATOR	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode) Output waveform Battery type and number Recharge time Typical AC mode Battery mode Battery mode Low battery Overload Battery replacement	+/-10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting The second to fifth green LEDs gradually lighting, indicating load level The first green LED flashing The second to fifth green LEDs gradually lighting, indicating battery capacity Red LED lighting sounding every 10 seconds sounding every 9.5 second sounding every 2 seconds	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours
BATTERY TRANSFER TIME NDICATOR FAULT AUDIBLE ALARM	Voltage regulation (batt.mode) Frequency Frequency regulation (batt.mode) Output waveform Battery type and number Recharge time Typical AC mode Battery mode Battery mode Low battery Overload Battery replacement Fault	+/-10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting The second to fifth green LEDs gradually lighting, indicating load level The first green LED flashing The second to fifth green LEDs gradually lighting, indicating battery capacity Red LED lighting sounding every 10 seconds sounding every 9.5 second sounding every 2 seconds continuously sounding	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours
ATTERY FRANSFER TIME NDICATOR FAULT AUDIBLE ALARM PROTECTION	Voltage regulation (batt.mode) Frequency Frequency regulation (batt.mode) Output waveform Battery type and number Recharge time Typical AC mode Battery mode Battery mode Low battery Overload Battery replacement Fault Full protection	+/-10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting The second to fifth green LEDs gradually lighting, indicating load level The first green LED flashing The second to fifth green LEDs gradually lighting, indicating battery capacity Red LED lighting sounding every 10 seconds sounding every 9.5 second sounding every 2 seconds	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours
ATTERY FRANSFER TIME NDICATOR FAULT AUDIBLE ALARM PROTECTION	Voltage regulation (batt.mode) Frequency Frequency regulation (batt.mode) Output waveform Battery type and number Recharge time Typical AC mode Battery mode Battery mode Low battery Overload Battery replacement Fault	+/-10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting The second to fifth green LEDs gradually lighting, indicating load level The first green LED flashing The second to fifth green LEDs gradually lighting, indicating battery capacity Red LED lighting sounding every 10 seconds sounding every 9.5 second sounding every 2 seconds continuously sounding	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours
BATTERY TRANSFER TIME INDICATOR FAULT AUDIBLE ALARM PROTECTION PHYSICAL	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode) Output waveform Battery type and number Recharge time Typical AC mode Battery mode Battery mode Low battery Overload Battery replacement Fault Full protection Dimension (mm)	+/-10% at load <50% 50Hz or 60Hz +/-1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting The second to fifth green LEDs gradually lighting, indicating load level The first green LED flashing The second to fifth green LEDs gradually lighting, indicating battery capacity Red LED lighting sounding every 10 seconds sounding every second sounding every 2.5 second sounding every 2.5 second continuously sounding discharge, overcharge and overload protection	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours 4-8 ms
DUTPUT DUTPUT BATTERY BATTERY TRANSFER TIME INDICATOR FAULT AUDIBLE ALARM PROTECTION PHYSICAL WEIGHT ENVIRONMENT	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode) Output waveform Battery type and number Recharge time Typical AC mode Battery mode Low battery Overload Battery replacement Fault Full protection Dimension (mm) D x W x H Net weight	+/- 10% at load <50% 50Hz or 60Hz +/- 1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting The second to fifth green LEDs gradually lighting, indicating load level The first green LED flashing The second to fifth green LEDs gradually lighting, indicating battery capacity Red LED lighting sounding every 10 seconds sounding every 9.5 second sounding every 2.5 second continuously sounding discharge, overcharge and overload protection 405 x 145 x 205	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours 4-8 ms
3ATTERY TRANSFER TIME NDICATOR AULT AUDIBLE ALARM PROTECTION PHYSICAL WEIGHT	Voltage regulation (batt. mode) Frequency Frequency regulation (batt. mode) Output waveform Battery type and number Recharge time Typical AC mode Battery mode Battery mode Low battery Overload Battery replacement Fault Full protection Dimension (mm) D x W x H	+/- 10% at load <50% 50Hz or 60Hz +/- 1 Hz modified sinewave 12V/7AH x 2pcs 10 hours 4-6 ms	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours (to 90% after complete discharge) 4-8 ms The first green LED lighting The second to fifth green LEDs gradually lighting, indicating load level The first green LED flashing The second to fifth green LEDs gradually lighting, indicating battery capacity Red LED lighting sounding every 10 seconds sounding every second sounding every 2.5 second sounding every 2.5 second continuously sounding discharge, overcharge and overload protection 405 x 145 x 205 9.7kgs	50Hz or 60Hz +/-1 Hz modified sinewave 12V/9Ah x 2pcs 6 hours 4-8 ms
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