

MODEL		Ultima 400	Ultima 600	Ultima 800
CAPACITY	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)	
OUTPUT	Voltage		120/220/230/240VAC	
	Voltage regulation (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		8 hours to 90% after complete discharge	
TRANSFER TIME	Typical		2-6 ms	
INDICATOR	AC mode		green lighting	
	Backup mode		green flashing	
AUDIBLE ALARM	Backup mode		sounding every 10 seconds	
	Low battery		sounding every 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), D x W x H		330 x 100 x 140	
WEIGHT	Net weight	5kgs	6kgs	6.5kgs
ENVIRONMENT	Operating environment		0- 40°C, 0-90 % relative humidity (non-condensing)	
	Noise level		Less than 40dB	
INTERFACE	RS-232 USB		Windows, Sun Solaris, IBM Aix, Compaq True64, UnixWare, FreeBSD, HP-UX, Linux, MAC 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
OUTPUT	Voltage	220/230/240VAC	220/230/240VAC	220/230/240VAC
	Voltage regulation (batt. mode)	+/-10% at load <50%	+/-10% at load <50%	+/-10% at load <50%
	Frequency	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz
	Frequency regulation (batt. mode)	+/-1 Hz	+/-1 Hz	+/-1 Hz
	Output waveform	modified sinewave	modified sinewave	modified sinewave
BATTERY	Battery type and number	12V/7AH x 2pcs	12V/9Ah x 2pcs	12V/9Ah x 2pcs
	Recharge time	10 hours	6 hours (to 90% after complete discharge)	6 hours
TRANSFER TIME	Typical	4-6 ms	4-8 ms	4-8 ms
INDICATOR	AC mode		The first green LED lighting The second to fifth green LEDs gradually lighting, indicating load level	
	Battery mode		The first green LED flashing The second to fifth green LEDs gradually lighting, indicating battery capacity	
FAULT			Red LED lighting	
AUDIBLE ALARM	Battery mode		sounding every 10 seconds	
	Low battery		sounding every 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) D x W x H	405 x 145 x 205	405 x 145 x 205	405 x 145 x 205
WEIGHT	Net weight	9.6kgs	9.7kgs	9.8kgs
ENVIRONMENT	Operating environment		0- 40°C, 0-90 % relative humidity (non-condensing)	
	Noise level		Less than 50dB	
INTERFACE	RS-232 USB		Windows family, Sun Solaris, IBM Aix, Compaq True64, UnixWare, FreeBSD, HP-UX, Linux, MAC Windows 98/2000/ME/XP	