



Datenblatt - Fiche technique - Data sheet

**19.99.3424**



VALUE UPS 400 - Line Interaktive USV mit USB Port

VALUE UPS 400, USB Port

VALUE UPS, 400VA, USB Port

# ENGINEERING SPECIFICATION

ITEM	SPECIFICATION	COMMENTS
Model	19.99.3424	
<b>CAPACITY</b>		
Power in VA	400VA	
Power in watts	240W	
<b>INPUT</b>		
Phase	1	Input Sine wave 50/60Hz THD < 3%
Rated voltage	230V	
Voltage fluctuation	75%±5%~125%±5%	
Rated frequency	50/60Hz	
Line high voltage to INV	125%±5%	
Line high voltage recovery	121%±5%	
AVR Buck	109%±5%	
AVR Buck recovery	106%±5%	
AVR boost recovery	94%±5%	
AVR boost	91%±5%	
Line low voltage recovery	79%±5%	
Line low voltage to INV	75%±5%	
<b>OUTPUT-LINE MODE</b>		
Power factor	0.6	
Wave form	Sine wave	
Frequency	According to input	
Overload capacity	110%±10%	Under rated voltage
Short circuit protection	Fuse open or auto shut down	
<b>OUTPUT-BACKUP MODE</b>		
Voltage regulation	±5%	
Wave form	Step wave	
Frequency	50/60Hz ±1%	
Overload capacity	110%±10%	
Short circuit protection	Auto shut down	

ITEM	SPECIFICATION	COMMENTS
<b>BATTERY</b>		
Rated voltage	12 Vdc	
Charging voltage	13.65V±3%	
Battery low	11.5V ± 1V	
Battery low shut down	11V ± 1V	
Charging current	0.2~0.4A	
<b>TRANSFER</b>		
transfer time (Line to INV)	< 10m sec	
transfer time (INV to Line)	< 10msec	
<b>CONTROL DISPLAY AND ALARM</b>		
Main switch	Turn on/off UPS Test : line mode Silence : backup mode	
LED-green	Continuous : line mode Flash : backup mode	
Buzzer	Slow(0.47Hz): backup mode Rapid(1.82Hz): battery low Continuous : overload	

ITEM	SPECIFICATION	COMMENTS
<b>COMMONICATION INTERFACE</b>		
USB 2.0		
<b>SAFETY</b>		
AC leakage current	5mA	Rated voltage
High pot	AC 1.5KV(10mA,60sec)	Expect surge absorber
Insulation resistor	>100M $\Omega$ ( DC 500V,60sec)	Expect surge absorber
Grounding resistor	< 0.1 $\Omega$ (25A,60sec)	Expect surge absorber
<b>ENVIRONMENT</b>		
Operation temperature	0~40 $^{\circ}$ C	
Storage temperature	-20~60 $^{\circ}$ C	
Operation relative Humidity	0-95%	
Ambient height	3500 meters max.	
Storage height	15000 meters max.	
Audible noise	< 40dB	1 meter from surface