

rotronic

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	
CAPACITY		
Power in VA	400VA	
Power in watts	240W	
INPUT		
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%	
OUTPUT-LINE MODE		
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	
OUTPUT-BACKUP MODE		
Voltage regulation	±5%	
Wave form	Step wave	
Frequency	50/60Hz ±1%	
Overload capacity	110%±10%	
Short circuit protection	Auto shut down	

ITEM	SPECIFICATION	COMMENTS
BATTERY		
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	
TRANSFER		
transfer time (Line to INV)	< 10m sec	
transfer time (INV to Line)	< 10msec	
CONTROL DISPLAY AND ALARM		
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
COMMONICATION INTERFACE		
USB 2.0		
SAFETY		
AC leakage current	5mA	Rated voltage
High pot	AC 1.5KV(10mA,60sec)	Expect surge absorber
Insulation resistor	>100M Ω (DC 500V,60sec)	Expect surge absorber
Grounding resistor	< 0.1 Ω (25A,60sec)	Expect surge absorber
ENVIRONMENT		
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