Samurai Online Tower 1 - 3 kVA

Application

HOME
COMPUTER
ALARM
INDUSTRY

2 sizes 3 Power levels

1000 VA   2000 VA   3000 VA

Specifications

- On-line "double conversion" technology
- Power: 1k, 2k and 3kVA
- DSP (digital signal processor) technology
- Internal static and manual bypass
- Battery (DC) cold start and backup time indicated on LCD
- ECO mode for energy saving
- Frequency converter mode 50/60 Hz
- Site wiring fault indication
- Self testing at UPS start-up
- RJ45/11 network protection
- Intelligent management through RS232 & USB
- EPO contact (Emergency Power Off)

OPTIONS

- SNMP adapter
- Relay card (dry contacts)
- External maintenance bypass
- Additional/external battery packs
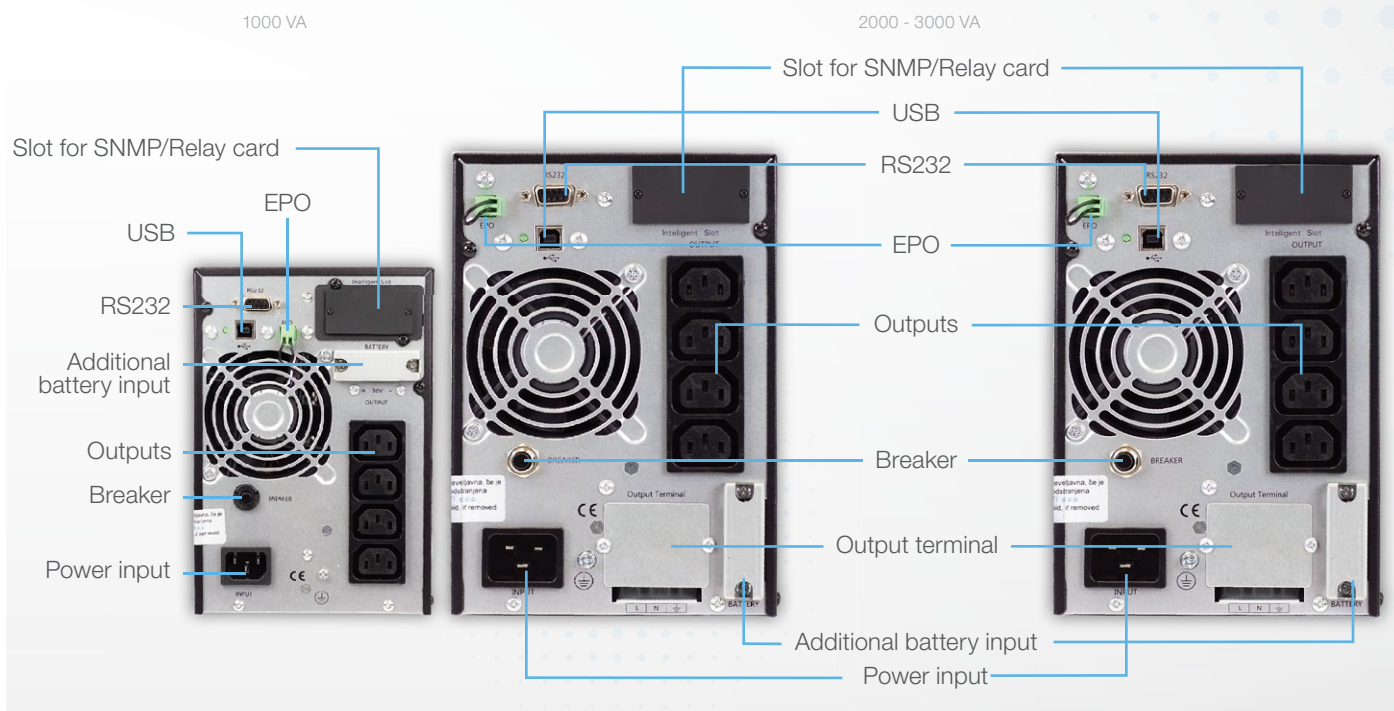
Monitoring Software Included

It offers real-time power and UPS status monitoring with automatic scheduled shut-down and many other advanced power management functions.

The best quality/price ratio

The comprehensive graphic display provides easy read-out status of the UPS, such as input and output voltage, load level, battery level...

Control panel

1000 VA

2000 - 3000 VA

Slot for SNMP/Relay card
USB
RS232
EPO

Slot for SNMP/Relay card
EPO
USB
RS232
Additional battery input
Outputs
Breaker
Power input

Outputs
Breaker
Output terminal
Additional battery input
Power input

Samurai Power Online Tower	Model		
	1000	**2000**	**3000**
Power	1000 VA / 1000 W	2000 VA / 2000 W	3000 VA / 3000 W
Input			
Nominal voltage	200 / 208 / 220 / 230 / 240 V AC		
Voltage range	55 ~ 150 V AC or 110 ~ 300 V AC @60% load, 80 ~ 145 V AC or 160 ~ 300 V AC @100% load		
Operating voltage range	110 ~ 300 V AC		
Frequency range	40 ~ 70 Hz		
Power factor	0.99		
Generator input	Support		
Output			
Output voltage	200 / 208 / 220 / 230 / 240 V AC		
Output frequency	Line mode: 47 ~ 53 Hz or 57 ~ 63 Hz; Bat. mode: (50 / 60 ± 0.1) Hz		
Harmonic distortion (THD)	≤ 2% THD (linear load)		
Power faktor	1.0		
Crest factor	3 : 1		
Voltage regulation	± 1%		
Efficiency	88%	92%	92%
Battery			
Charging voltage	27.4 V DC	54.7 V DC	82.1 V DC
Battery type & number	3 × 12V9Ah	4 × 12V9Ah	6 × 12V9Ah
Charge current	1 A		
Backup time	Long run unit depends on the capacity of external batteries		
Typical recharging time	4 hours recover to 90% capacity		
Environmental			
Operating/Storage temperature	0 ~ 40 °C / -25 °C ~ 55 °C		
Humidity range	20 - 90% RH @ 0 ~ 40 °C (non-condensing)		
Altitude	< 1500 m		
Dimensions			
Weight (kg)	9.8	17	27.6
W × D × H (mm)	144 × 293 × 209	144 × 399 × 209	191 × 399 × 209
Standard			
EMC	IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8		
Safety	IEC/EN62040-1, IEC/EN60950-1		