

Samurai RTC 1 - 3 kVA



Specifications

- On-line "double conversion" technology
- Power: 1k, 1.5k, 2k, 3k, 6k, 10k, 15k and 20 kVA
- DSP (digital signal processor) technology
- Internal static and manual bypass
- Very wide input voltage range
- Hot-swappable batteries
- Battery backup time indicated on LCD
- Operation on ECO mode
- Frequency converter mode 50/60 Hz
- Convertible design for 19" Rack or Tower
- 2 output segments for load shedding
- RS232, USB, Smart slot, RJ45
- Battery (DC) cold start
- Software and USB cable included
- High efficiency up to 92% in normal mode
- Backfeed protection
- ECO-mode for energy saving
- For extended backup time
- L = long run unit series (with external batteries)
- EPO contact (Emergency Power Off)

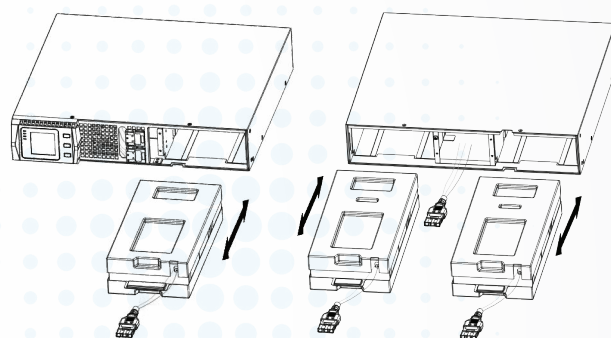
OPTIONS

- SNMP adapter
- Relay card (dry contacts)
- External maintenance bypass
- Additional/external battery packs
- optional 8 x IEC or 2x Schuko outputs

Application



Easy for maintenance,
hot-swappable battery



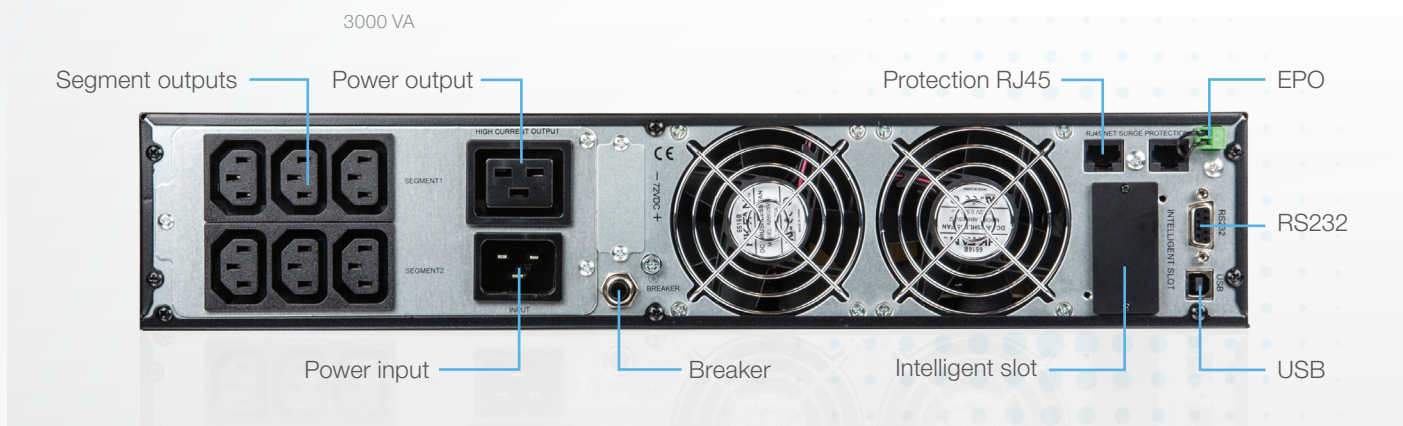
The Samurai Online Rack/Tower series is designed for IT applications like datacenters, server rooms, communication system and security equipment.

The multifunction graphical LCD display is convertible for Rack and Tower use. It shows input, output, battery and user helpful parameters.

The UPS is equipped with an internal hot-swappable battery compartment to ensure very easy and fast maintenance.



OPTIONAL: Schuko outputs



Samurai Online UPS MP series PF:09	Model			
	1000	1500	2000	3000
Power	1000 VA / 900 W	1500 VA / 1350 W	2000 VA / 1800 W	3000 VA / 2700 W
Input				
Voltage range	110 ~ 290 V AC			
Frequency range	45 ~ 65 Hz (auto-sensing)			
Power supply	Single phase			
Power factor	0.99			
Power plug	IEC320 C14-10A			IEC320 C20-16A
Output				
Voltage	208/220/230/240 V AC selectable			
Power factor	0.9			
Voltage regulation	+/- 2% at nominal voltage			
Frequency	50/60 Hz +/- 0,2%			
Harmonic distortion (THD)	≤ 3% THD (linear load), ≤ 5% THD (no-linear load)			
Waveform	Pure sine wave			
IEC Outputs (2 segments)	6 × C13 - 10 A			6 × C13-10 A / 1 × C19-16 A
Overload capacity	30 s at 100% to 150% and 300 ms > 150%			
Protection	Overvoltage, short-circuit, battery deep discharge, thermal protection			
Efficiency	Online mode 92%, ECO mode 95%			
Type	VRLA, AGM			
Voltage	2 × 12V9Ah	3 × 12V9Ah	4 × 12V9Ah	6 × 12V9Ah
Autonomy	Remaining time on LCD			
Recharge time at 90%	5 hours			
Charger current	1.4 A			
Nominal voltage	24 V DC	36 V DC	48 V DC	72 V DC
Charger mode	3 steps (current / boost / floating)			
Transfer time				
Mains <---> Battery	0 ms			
Mains <---> Bypass	< 4 ms			
Alarms - informations				
LCD, LED	Load / battery / input / output / working mode / error code			
Dimensions				
Weight (kg)	14	15.8	22	28.7
W × D × H (mm)	440 × 430 × 85 (2U)		440 × 580 × 85 (2U)	440 × 696 × 86.5 (2U)
Environment				
Temperature / Humidity	0 ~ 40 °C / 0 ~ 90% (non-condensing)			
Audible noise at 1 m	< 50 dB			
Interface				
Standard	RS232, USB, EPO, intelligent slot			
Optional	SNMP, relay card			
Battery pack (additional)				
Weight (kg)	19.5	25	32.8	46.3
W × D × H (mm)	440 × 430 × 86.5 (2U)		440 × 572 × 86.5 (2U)	440 × 696 × 86.5 (2U)