

# UPS Serie S - FLU S - Type R - 6 KVA / 10KVA



Fluxer S Series 6~10KVA RT Online UPS is the high density version of on-line double-conversion UPS with input power factor correction (PFC), output power factor 0.9 offering high levels of reliability and protection for IT systems, telecommunications equipment and mission critical systems.

The UPS is rack and tower convertible, and takes up only 2-3U in height. For critical business continuity applications requiring long runtimes, Fluxer S Series RT UPS (long time model) can be installed with battery extension packs.

## Characteristics

- ∞ Rack / Tower design
- ∞ DSP digital control technology
- ∞ Wide input voltage range (110 V ~ 300 V)
- ∞ Cold start
- ∞ ECO mode operation for energy saving
- ∞ 50 Hz / 60 Hz frequency conversion mode
- ∞ Power-on self test
- ∞ Short circuit and overload protection
- ∞ Fan speed auto control when temperature varies
- ∞ Standard RS232 communication port and RJ45 protection
- ∞ Optional USB / SNMP communication port
- ∞ High frequency and true double-conversion
- ∞ Input power factor correction (PFC)
- ∞ Output power factor 0.9
- ∞ Auto sensing frequency
- ∞ Selectable output voltage via LCD
- ∞ Selectable battery low voltage via LCD
- ∞ Advanced battery management (ABM)
- ∞ Automatic charging in OFF mode
- ∞ Optional emergency power off (EPO).
- ∞ Optional extension battery bank

## Technical Specifications

Series	Fluxer Model	Capacity		Input	Output	Batteries
Serie S	FLU S 060 R2A0	6000 VA	5400 W	220 V / 240 V	220 V / 240 V	16 * 12V / 7 Ah
Serie S	FLU S 100 R2A0	10000 VA	9000 W	220 V / 240 V	220 V / 240 V	16 * 12V / 9 Ah



# FLUXER Serie S

## Technical Specification

MODEL	FLU-S 060 R2A0	FLU-S 100 R2A0	
Capacity	6 KVA / 5400 W	10 KVA / 9000 W	
<b>INPUT</b>			
Rated voltage	208 V / 220 V / 230 V / 240 Vac		
Voltage range	Half load (115 ~ 295) $\pm$ 5 Vac, full load (160 ~ 295) $\pm$ 5 Vac		
Frequency	40 ~ 70 Hz $\pm$ 0.5 (auto-sense)		
Power factor	$\geq$ 0.99		
Bypass voltage range	160 V ~ rated output voltage + 32 V		
<b>OUTPUT</b>			
Voltage	208 V / 220 V / 230 V / 240 Vac (settable via LCD)		
Voltage regulation	$\pm$ 1%		
Frequency	Synchronized with utility in mains mode; 50 / 60 Hz $\pm$ 0.2 Hz in battery mode		
Waveform	Sinusoidal		
Crest factor	3:01		
Harmonic distortion	$\leq$ 2% (linear load); $\leq$ 5% (non-linear load)		
Transfer time	Mains mode to battery mode: 0 ms Inverter mode to bypass mode: 0 ms		
Overload	105% ~ 125% for 3 mins, 125% ~ 150% for 30 s, >150% for 0.5 s		
<b>EFFICIENCY</b>			
Mains mode	$\geq$ 92%		
Battery mode	$\geq$ 91%		
ECO mode	$\geq$ 98%		
<b>BATTERIES</b>			
DC voltage	192 V		
Inbuilt battery of standard model	16 $\times$ 7 Ah	16 $\times$ 9 Ah	
Charging current	Standard model	1:00 a. m.	
	Long time model	1 A / 3 A / 5 A / 8 A	
Recharge time	8 h		
<b>ALARMS</b>			
Utility failure	4 s per beep		
Low battery	1 s per beep		
Overload	1 s twice beep		
UPS fault	Long beep		
<b>COMMUNICATIONS</b>			
RS232 (standard), USB (optional)	Supports Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10		
SNMP (optional)	Power management from SNMP manager and web browser		
<b>OTHERS</b>			
Humidity	20 ~ 90% RH @ 0 ~ 40°C (non-condensing)		
Noise level	$\leq$ 55dB (1m)		
Long time model	Dimensions (W $\times$ D $\times$ H) (mm)	440 $\times$ 580 $\times$ 132 (UPS)	
	Packaged dimensions (W $\times$ D $\times$ H) (mm)	530 $\times$ 703 $\times$ 227 (UPS)	
	Net / Gross weight (kg)	16.4 / 20.7	17.1 / 21.4
Standard model	Dimensions (W $\times$ D $\times$ H) (mm)	440 $\times$ 580 $\times$ 132 (UPS), 440 $\times$ 580 $\times$ 132 (BAT)	
	Packaged dimensions (W $\times$ D $\times$ H) (mm)	530 $\times$ 703 $\times$ 227(UPS), 530 $\times$ 703 $\times$ 227 (BAT)	
	Net / Gross weight (kg)	16.4 / 20.7 (UPS) 43.6 / 47.1 (BAT)	17.1 / 21.4 (UPS) 49.6 / 53.1 (BAT)

