



UPS Serie S - FLU S - Type T - 6 KVA / 10KVA



Fluxer S Series 6~10KVA Power Factor 0.9 is the UPS with advanced DSP digital control technology is applied to rectifier and inverter, having the functions of effective software and hardware protection function, powerful self-diagnostic function.

Characteristics

- ∞ High frequency on-line double conversion technology
- ∞ Output power factor 0.9
- ∞ Gestión avanzada de la batería (ABM)
- ∞ Wide input frequency range (40 ~ 70Hz)
- ∞ Auto sensing frequency
- ∞ Cold start
- ∞ Settable delayed start when power is restored
- ∞ Advanced battery management (ABM)
- ∞ Linear derating in low voltage input reducing battery discharging times
- ∞ Multi-platform communications: RS232 (standard), USB / RS485 / SNMP / dry contacts (optional)
- ∞ DSP (Digital signal processors) technology
- ∞ Active power factor correction (APFC), input power factor up to 0.99
- ∞ Wide input voltage range (110V ~ 300Vac)
- ∞ 50/60Hz frequency conversion
- ∞ Rear ventilation design and variable speed fan
- ∞ Effective software and hardware protection
- ∞ Flexible battery configuration (Settable 14 – 20 pcs batteries)
- ∞ Quick and stable charging, 90% capacity restored in 4 h
- ∞ Multiple functions settable via LCD: output voltage, battery quantity, EOD, EPO, ECO mode, frequency conversion mode and parallel enable
- ∞ Powerful background software for parameters configuration, function settings and online updating

Technical Specifications

Series	Fluxer Model	Capacity		Input	Output	Batteries
Serie S	FLU S 060 T2*0	6000 VA	5400 W	220 V / 240 V	220 V / 240 V	16 * 12V / 7 Ah
Serie S	FLU S 100 T2*0	10000 VA	9000 W	220 V / 240 V	220 V / 240 V	16 * 12V / 9 Ah



FLUXER Serie S

Technical Specifications

MODEL	FLU-S 060 T2A0	FLU-S 100 T2A0
Capacity	6 KVA / 5400 W	10 KVA / 9000 W
INPUT		
Rated voltage	208 V / 220 V / 230 V / 240 Vac	
Voltage range	110 ~ 160 Vac (linear derating between 50% and 100% load); 160 ~ 280 Vac (no derating); 280 ~ 300 Vac (derating 50%)	
Rated frequency	50 / 60 Hz (auto-sense)	
Frequency range	40 ~ 70 Hz	
Power factor	≥ 0.99	
Total harmonic distortion (THDI)	≤ 5%	
Bypass voltage range	- 40% ~ + 15% (settable)	
OUTPUT		
Voltage	208 V / 220 V / 230 V / 240 Vac (settable)	
Voltage regulation	± 1%	
Frequency	45 ~ 55 Hz or 55 ~ 65 Hz (synchronized range); 50 / 60 Hz ± 0.1 Hz (battery mode)	
Waveform	Pure sine wave	
Crest factor	3:01	
Total harmonic distortion (THDV)	≤ 2% (linear load); ≤ 5% (non-linear load)	
Transfer time	Mains mode to battery mode: 0 ms; Inverter mode to bypass mode: 0 ms	
Inverter overload capability	102% ~ 125%: Transfer to bypass in 10 mins; 125% ~ 150%: Transfer to bypass in 1 min; > 150%: Transfer to bypass in 0.5 s	
Bypass overload capability	102% ~ 125%: Shut down in 20 mins; 125% ~ 150%: Shut down in 2 mins; > 150%: Shut down in 1 s	
BATTERIES		
DC voltage	192 VDC (168/180/192/204/216/228/240VDC optional)	
Inbuilt battery	16×7 Ah	16×9 Ah
Recharge time	Standard model (S): 90% capacity restored in 4 hours; Long time model (H): depend on the capacity of battery	
SYSTEM		
EFFICIENCY	≥ 93%, ECO mode 98%	
Display	LCD+LED	
Alarms	Battery mode, battery voltage low, fans fault etc.	
Maximum Parallel numbers	6	
EMI	IEC/EN62040-2	
EMS	IEC 61000-4-2 (ESD)	
	IEC 61000-4-3 (RS)	
	IEC 61000-4-4 (EFT)	
	IEC 61000-4-5 (Surge)	
COMMUNICATIONS		
RS232 / USB / RS485 / dry contacts	Supports Windows 98 / 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10	
SNMP	Power management from SNMP manager and web browser	
OTHERS		
Humidity	20 ~ 90% RH @ 0 ~ 40°C (non-condensing)	
Noise level	≤ 55 dB (1m)	
Dimensions (W×D×H) (mm)	191×462×710	191×462×710
Packaged dimensions (W×D×H) (mm)	308×640×896	308×640×896
Net weight (kg)	58.7	67.2
Gross weight (kg)	64.8	73.3

