

Flux 1000VA-10kVA

Series Specification

Specification table for Flux Series, UPS systems 1000VA-10kVA.

For models:

FLX010B/C

FLX015B/C

FLX030B/C

FLX060C

FLX100C

Tech Support

Need help? Our UK-based experts are available 9am-5pm, Monday to Friday.

Email: hello@neotec.co.uk **Website:** www.neotec.co.uk

	FLX010B	FLX010C	FLX015B	FLX015C	FLX030B	FLX030C	FLX060C	FLX100C
POWER RATING								
VA/Watt	1000VA/1000W		1500VA/1500W		3000VA/3000W		6kVA/kW	10kVA/kW
EFFICIENCY								
Line mode	89%				93%		95%	
ECO mode	96%	97%				98%		
INPUT PERFORMANCE								
Voltage range	160-300V 100% load, 110-160V derating to 50% load linearly						160-275V 100% load, 110-160V derating to 50% load linearly	
Rated frequency	50Hz/60Hz							
Frequency range	40Hz-70Hz (45Hz-55Hz, 54Hz-66Hz at load>60%)							
PF	>0.99							
THDI	<5%							
OUTPUT PERFORMANCE								
Rated voltage	200/208/220/230/240 VAC (derating 10% at 208V, derating 20% at 200V)						220/230/240VAC	
Rated frequency	50Hz/60Hz							
Maximum PF	PF = 1							
Voltage accuracy	±1%							
THDv	<1% linear load; <5% nonlinear load							
Transfer time	0ms at line <-> battery; 4ms at line <-> bypass; 10ms at ECO <-> Inverter						0ms (10ms at ECO->Inverter)	
Crest ratio	Max 3:1							
Overload	100%<load≤105% continuous 105%< load ≤125% for 5 minutes 125<load≤150% for 30 seconds >150% for 500ms						100%<load≤105% continuous 105%< load ≤125% for 10 minutes 125<load≤150% for 30 seconds >150% for 500ms	
CVCF mode	Yes (derating to 60% load)							
CONNECTIONS								
Input socket	1 x IEC C14				1 x IEC C20		Hardwired terminals	
Output socket	1 main outlet group (with 4 x IEC C13) 1 programmable outlet group (with 4 x IEC C13)				1 main outlet group (with 1 x IEC C19 + 4 x IEC C13) 1 programmable outlet group (with 4 x IEC C13)		Hardwired terminals	
Load segment control	Yes, 1 programmable load segment control						N/A	
BATTERY & POWER PROTECTION								
Short-circuit protection: Bypass mode	550A/2.8ms				699A/7ms		N/A	
Short-circuit protection: Normal/battery mode	20A/100ms	25A/100ms		54A/100ms		54A/200ms	113A/200ms	
Battery: Voltage	36VDC				72VDC		192-240VDC	
Battery: Capacity (AH)	3 x 12V / 7Ah	N/A	3 x 12V / 9Ah	N/A	6 x 12V / 9Ah	N/A		
Maximum EBM quantity	4						6	
EBM auto detection	Yes						No	
Battery hot-swappable	Yes (EMBs connected to 6/10kVA can be disconnected with the UPS online)							
CHARGING								
Charging method	Optimised Battery Management (OBM)							
Charging current	1.5A	8A	1.5A	8A	1.5A	8A	0-12A	
Recharging time	3h to 90%	N/A	3h to 90%	N/A	3h to 90%	N/A		

	FLX010B	FLX010C	FLX015B	FLX015C	FLX030B	FLX030C	FLX060C	FLX100C
USER INTERFACE & COMMUNICATION (HMI)								
Display	Dot matrix LCD (optional segment LCD)							
Language	Multi-Language							
USB	USB 2.0 with HID power device							
RS232	Yes (DB9)							
Dry in/out	1 programmable dry in; 1 programmable dry out							
RPO	Yes							
Intelligent slot	Yes							
Network card	Optional, NEONET001 card							
Modbus card	Optional, NEOMOD001 card							
Dry contactor card	Optional, NEOREL001 card							
Wireless module	Optional							
IoT ethernet port	RJ45							
Monitor software	WinPower, WinPower View APP							
PHYSICAL ATTRIBUTES								
Dimensions: W x D x H (mm)	438 x 445 x 85.5 (2U)				438 x 600 x 85.5 (2U)		438 x 605 X 86.5 (2U)	
Weight (kg)	14.3	8.0	15.8	8.2	26.2	11.0	15	17
IP protection level	IP20							
Wheels	No							
ENVIRONMENT								
Operating temperature	0-40°C						0-50°C (power derating to 50% at 40-50°C)	
Relative humidity	0-95%							
Operating altitude	0~3000m (the load derating 1 % every up 100m at 1000~3000m)							
Acoustic noise	<45dB at front 1m				<50dB at front 1m			<55dB at front 1m
CERTIFICATION & STANDARDS								
Certification	CE, IEC/EN 62040							
EMI: Conduction/Radiation	C2						C3	
EMS: ESD	IEC/EN 61000-4-2							
EMS: RS	IEC/EN 61000-4-3							
EMS: EFT	IEC/EN 61000-4-4							
EMS: Surge	IEC/EN 61000-4-5							
ACCESSORIES								
Input power cable	Yes						N/A	
Output power cable	Yes						N/A	
EBM cable	Yes (in EBM)							
USB cable	Yes							
RS232 cable	Optional							
Rail kit	Optional							
Tower feet	Yes							
Rack ear	Yes							
Manual (English)	Yes							