

FLT11-0T6i, FLT11-0T8i, FLT11-1T2i Series UPS



Features

- 600, 800 and 1200VA UPS capacity
- Internal battery
- 1-Phase input, 1-phase output
- Line interactive topology
- Microprocessor control
- Auto charging in off mode
- Auto restart function
- Power management with smart USB interface for FLT11-0T6A, FLT11-0T6B, FLT11-0T8A, FLT11-0T8B, FLT11-1T2A, FLT11-1T2B and RS232 interface for FLT11-0T6C, FLT11-0T8C, FLT11-1T2C
- Rj45 protection for FLT11-1T2iA and Rj11 protection for FLT11-0T6A and FLT11-0T8A

Inverter's Electrical Output Specifications			
UPS model	FLT11-0T6i/ FLT11-0T6iA/ FLT11-0T6iB/ FLT11-0T6iC	FLT11-0T8i/ FLT11-0T8iA/ FLT11-0T8iB/ FLT11-0T8iC	FLT11-1T2i/ FLT11-1T2iA/ FLT11-1T2iB/ FLT11-1T2iC
Rated power	600VA/360W	800VA/480W	1200VA/720W
Applicable standard	IEC 62040-3		
Applicable standard	Line interactive		
Efficiency	>97%		
Dimensions (HxWxD)	142×101×298mm	142×101×298mm	162×149.5×353 mm
Weight	5kg	5.3kg	9kg
Acoustic noise at 1m	<40dBA		
Degree of protection against hazards and water ingress	IP20		
Mean Time Between Failures (MTBF)	50,000h		
Environmental			
Storage and operating temperature for maximum battery life	15°C to +25°C		
Operating temperature	0°C to +40°C		
UPS Storage temperature without battery	-20°C to +70°C		
Humidity	0 to 95% non-condensing		
Altitude at rated power	≤ 1500m		
Input			
Phases required	1Ph+N+PE		
Rated voltage	220Vac		
Voltage tolerance	162 to 270 VAC		
Frequency range	50Hz±10%		
Power factor in normal mode and full load	Same as the load		
Output			
Output wave form	Modified sine wave		
Output phases available	1Ph+N+PE		
Rated voltage	220Vac		
Voltage regulation	±10%		
Power factor	0.6		
Frequency	50Hz ±1		
Crest factor	3:1		
Transfer time	3 to 8 ms		

Isolation			
Magnetic isolation by iron core between AC and DC	Yes (Transformer Based)		
Isolation class	F		
Battery			
Battery voltage	12V	2×12V	2×12V
Battery type	VRLA (Sealed lead acid)	VRLA (Sealed lead acid)	VRLA (Sealed lead acid)
Battery installation	Internal battery	Internal battery	Internal battery
Internal battery capacity	7.2Ah	7.2Ah	7.2Ah
Max. battery charge current	0.9A	0.9A	0.9A
Max. Battery capacity	9Ah	2×9Ah	2×9Ah
Protections			
Output overvoltage and undervoltage			
Overload			
Battery overcharge and discharge			
Rj11 protection against transient voltage (Spike) for FLT11-0T6iA and 0T8iA			
Rj45 protection against transient voltage (Spike) for FLT11-1T2iA			
Display			
LED Status	AC mode: Green LED Battery mode: Yellow LED Fault: Red LED		
Communication interface			
USB (FLT11-0T6iA, FLT11-0T6iB, FLT11-0T8iA, FLT11-0T8iB, FLT11-1T2iA & FLT11-1T2iB)			
RS232 (FLT11-0T6iC, FLT11-0T8iC & FLT11-1T2iC)			

In the interest of continual product improvement all specifications are subject to change without notice.