

# SAFEPOWER EVO HFT - UL

## Technical Data

Model UPS	HFT-UL 65kVA	HFT-UL 80kVA	HFT-UL 100kVA	HFT-UL 125kVA	HFT-UL 160kVA	HFT-UL 200kVA	HFT-UL 250kVA
<b>INPUT PARAMETERS</b>							
Nominal Voltage (V) AC	480 Vac Three-phase + N						
Nominal Frequency (HZ)	45-65						
Power Factor	> 0.99 pf						
THDi full load	<3%						
Progressive Start-up	0-100% in 30'' (selectable)						
Standard Equipments	Back Feed protection; separable by-pass line						
<b>OUTPUT PARAMETERS</b>							
Nominal Power (kVA)	65	80	100	120	160	200	250
Active Power (kW)	58,5	72	90	112,50	144	180	225
Phases	3+N						
Nominal Voltage (V) AC	480 Vac three-phase+N						
Static Stability	± 1%						
Restore within ±1% In compliance with EN 62040-3, Class 1	20ms						
Voltage distortion with linear load / with no linear load (EN 62040-3)	<1% / < 3%						
Peak Factor	3:1 I <sub>peak</sub> / I <sub>rms</sub>						
Frequency	60Hz						
Overload	110% for 60'; 125% for 10'; 150% for 1'						



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<b>BATTERIES</b>							
Type	VRLA AGM / GEL; NiCd; Li-ion; Supercaps and Flywheel						
Ripple of Current	Zero						
<b>INFORMATION FOR INSTALLATION</b>							
Weight (pounds [kg])	1500 [680]	1610 [730]	1742 [720]	1851 [840] *	2138 [970]*	2247 [110]*	
Weight without manual by-pass	-	-	-	1984 [900]	2534 [1145]	2799 [1270]	
Dimensions WxDxH (Inches [mm])	31,5x33,5x75 [800x850x1900H]				55x33,5x75 [1400x850x1900]*		
Dimensions without manual by-pass (Inches [mm])	-				39x33,5x75 [1000x850x1900H]		
Communication	RS232 double + free contacts (configurable) + 2 slot for interface communication						
Operating Temperature	0° C / + 40° C 38 F / 104 F						
Relative Humidity	<95% not condensed						
Color	RAL 7016 dark grey						
Audible noise at 1mt (ECO Mode)	65 dBA				68dBA		
Protection Degree	IP20						
Smart Active Efficiency	Up to 98,5%						
Standards	UL Standard 1778: II edition from 65 to 125kVA, IV edition from 160 to 250kVA; National Electrical Code (NFPA-70); NEMA PE-1; CUL-CSA C22.2; ASME; ASA-C-39.1-1984; FCC part 15 subpart J Class A; NEC; OSHA; IEEE 587; ANSI C62.41-1980; ISO 9000 Lighting and Power Equipment, Auxiliary (OUST)						
Classification according to IEC 62040-3	Voltage Frequency Independent VFI – SS – 111						

\*with Top Cable Entry



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