

For FireDrench UPS, refer to ACTIVE (ACT) series of technical information

MODELS	S3M CPT-ACT-XTD 10 ^{BAT}	S3M CPT-ACT-XTD 15 ^{BAT}	S3M CPT-ACT-XTD 20 ^{BAT}	S3T CPT-ACT-XTD 10 ^{BAT}	S3T CPT-ACT-XTD 15 ^{BAT}	S3T CPT-ACT-XTD 20 ^{BAT}
INPUT						
Rated voltage [V]	380 / 400 / 415 three-phase + N 220 / 230 / 240 single-phase + N			380 / 400 / 415 three-phase + N		
Rated frequency [Hz]	50 / 60					
Voltage tolerance [V]	230 / 400 ±20% @ full load¹			400 ±20% @ full load¹		
Frequency tolerance [Hz]	40 - 72					
Power factor @ full load	0.99					
Current distortion	THDI ≤3%					
BYPASS						
Rated voltage [V]	220 / 230 / 240 single-phase + N			380 / 400 / 415 three-phase + N		
Number of phases	1 + N			3 + N		
Voltage tolerance (ph-N) [V]	from 180 (adjustable 180-200) to 264 (adjustable 250-264) referring to neutral					
Rated frequency [Hz]	50 or 60 (selectable)					
Frequency tolerance	±5% (selectable)					
Bypass overload	110% infinite, 125% for 60 min, 150% for 10 min					
OUTPUT						
Nominal power [kVA]	10	15	20	10	15	20
Active power [kW]	10	15	20	10	15	20
Power factor	1 up to 40 °C					
Number of phases	1 + N			3 + N		
Rated voltage [V]	220¹ / 230 / 240 single-phase + N (selectable)			380¹ / 400 / 415 three-phase + N (selectable)		
Rated frequency [Hz]	50 or 60					
Frequency stability on battery operation	0.01%					
Voltage stability	±1%					
Dynamic stability	EN 62040-3 class performance 1 non-linear load					
Voltage distortion	<1% with resistive linear load / ≤1.5% with non-linear load					
BATTERIES						
Type	VRLA AGM/GEL/NiCd/Li-ion/SuperCaps					
Recharging method	One level, Two level, Cyclic recharge (selectable)					
OVERALL SPECIFICATIONS						
Weight without batteries [kg]						
CPT - ACT - XTD (10-60)	48-72-103	50-74-105	52-76-107	48-72-103	50-74-105	52-76-107
Weight [kg] S3T (80-120)	N.A.					
Dimensions CPT (10-20) (WxDxH) [mm]	Compact: 280x840x700					
Dimensions ACT (10-60) (WxDxH) [mm]	Active: 380x850x1025					
Dimensions XTD (10-60) (WxDxH) [mm]	Xtend: 440x840x1320					
Dimensions S3T 80-120 (WxDxH) [mm]	N.A.					
Communications	UPS status led bar - Graphic touch screen display - 2 slots for communications interface USB - RS232 - Contact interface with 5x opto insulated Input and 4x Output relays					
Ambient temperature for the UPS	0 °C - +40 °C					
Recommended temperature for battery life	+20 °C - +25 °C					
Range of relative humidity	5-95% non-condensing					
Colour	RAL 7016					
Noise level at 1 m [dBA ±2] SMART ACTIVE	<40					
IP rating	IP20					
SMART ACTIVE efficiency	up to 99%					
Standards	European directives: LV 2014/35/EU low voltage Directive EMC 2014/30/EU electromagnetic compatibility Directive Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; RoHS compliant Classification in accordance with IEC EN 62040-3 (Voltage Frequency Independent) VFI - SS - 111					
Moving the UPS	Castors / pallet jack					

¹ For wider tolerance conditions apply.

^{BAT} Also available with internal batteries.

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MODELS	S3T ACT-XTD 30 ^{BAT}	S3T ACT-XTD 40 ^{BAT}	S3T ACT-XTD 60 ^{BAT}	S3T 80	S3T 100	S3T 120
INPUT						
Rated voltage [V]	380 / 400 / 415 three-phase + N					
Rated frequency [Hz]	50 / 60					
Voltage tolerance [V]	400 ±20% @ full load ¹					
Frequency tolerance [Hz]	40 - 72					
Power factor @ full load	0.99					
Current distortion	THDI ≤3%					
BYPASS						
Rated voltage [V]	380 / 400 / 415 three-phase + N					
Number of phases	3 + N					
Voltage tolerance (ph-N) [V]	from 180 (adjustable 180-200) to 264 (adjustable 250-264) referring to neutral					
Rated frequency [Hz]	50 or 60 (selectable)					
Frequency tolerance	±5% (selectable)					
Bypass overload	110% infinite, 125% for 60 min, 150% for 10 min					
OUTPUT						
Nominal power [kVA]	30	40	60	80	100	120
Active power [kW]	30	40	60	80	100	120
Power factor	1 up to 40 °C					
Number of phases	3 + N					
Rated voltage [V]	380 ¹ / 400 / 415 three-phase + N (selectable)					
Rated frequency [Hz]	50 or 60					
Frequency stability on battery operation	0.01%					
Voltage stability	±1%					
Dynamic stability	EN 62040-3 class performance 1 non-linear load					
Voltage distortion	<1% with resistive linear load / ≤1.5% with non-linear load					
BATTERIES						
Type	VRLA AGM/GEL/NiCd/Li-ion/SuperCaps					
Recharging method	One level, Two level, Cyclic recharge (selectable)					
OVERALL SPECIFICATIONS						
Weight without batteries [kg]						
CPT - ACT - XTD (10-60)	N.A.-78-112	N.A.-82-116	N.A.-87-130	N.A.		
Weight [kg] S3T (80-120)	N.A.			172	180	198
Dimensions CPT (10-20) (WxDxH) [mm]	N.A.					
Dimensions ACT (10-60) (WxDxH) [mm]	Active: 380x850x1025			N.A.		
Dimensions XTD (10-60) (WxDxH) [mm]	Xtend: 440x840x1320			N.A.		
Dimensions S3T 80-120 (WxDxH) [mm]	N.A.			500x830x1600		
Communications	UPS status led bar - Graphic touch screen display - 2 slots for communications interface USB - RS232 - Contact interface with 5x opto insulated Input and 4x Output relays					
Ambient temperature for the UPS	0 °C - +40 °C					
Recommended temperature for battery life	+20 °C - +25 °C					
Range of relative humidity	5-95% non-condensing					
Colour	RAL 7016					
Noise level at 1 m [dBA ±2]	<40		<50	<55		
SMART ACTIVE						
IP rating	IP20					
SMART ACTIVE efficiency	up to 99%					
Standards	European directives: LV 2014/35/EU low voltage Directive EMC 2014/30/EU electromagnetic compatibility Directive Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; RoHS compliant Classification in accordance with IEC EN 62040-3 (Voltage Frequency Independent) VFI - SS - 111					
Moving the UPS	Castors / pallet jack					

¹ For wider tolerance conditions apply.

^{BAT} Also available with internal batteries.

Note: S3T ACT 60 model is without internal batteries.