











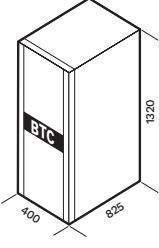
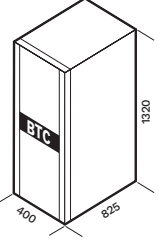
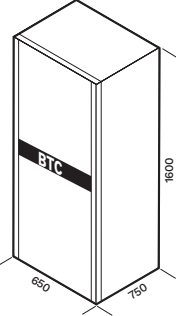
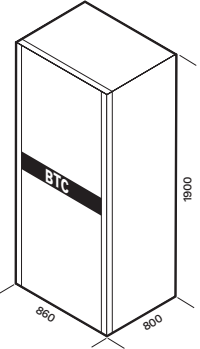








## BATTERY CABINET

MODELS	BTC 1320 480V BB T4 3F BTC 1320 480V BB T2 3F BTC 1320 480V AB T5 3F	BTC 1320 480V BB T5 3F BTC 1320 480V AB T5 3F	BTC 1600 480V BB S5 3T BTC 1600 480V AB S5 3T	BTC 1900 480V BB V6 3T BTC 1900 480V BB V7 3T BTC 1900 480V BB V8 3T BTC 1900 480V BB V9 3T BTC 1900 480V AB V9 3T
UPS MODELS	S3M 10-20 kVA/kW <sup>2</sup> S3T 10-40 kVA/kW <sup>2</sup>	S3M 10-20 kVA/kW <sup>2</sup> S3T 10-60 kVA/kW <sup>2</sup>	S3M 10-20 kVA/kW <sup>2</sup> S3T 10-80 kVA/kW <sup>2</sup>	S3M 15-20 kVA/KW <sup>2</sup> S3T 15-120 kVA/KW <sup>2</sup>
Dimensions [mm]			 <i>Conditions apply on S3T 80 kVA/kW UPS model</i>	 <i>BTC 1900 480V BB V6 3T and BTC 1900 480V BB V7 3T: Conditions apply on S3T 120 kVA/kW UPS model</i>

<sup>2</sup> According with battery cabinet fuse associated.

## OPTIONS

### SOFTWARE

PowerShield<sup>3</sup>  
PowerNetGuard

### ACCESSORIES

NETMAN 208  
MULTICOM 302  
MULTICOM 352  
MULTICOM 384  
MULTICOM 411  
MULTICOM 421  
MULTI I/O  
MULTIPANEL  
MBB 100 A 2P  
MBB 125 A 4P  
MBB 400 A 4P

### PRODUCT ACCESSORIES

Battery temperature sensor  
ER battery charger  
Parallel Kit  
MULTICOM 392  
UPS with internal isolation transformers (XTEND version)  
IP rating IP21/IP31 (XTEND and S3T 80-120 versions)  
Dual Input Kit (ACT and S3T 80-120 versions)  
Front door air filter (XTD and S3T 80-120 versions)  
Fan failure alarm for 10-40 kVA (XTD version)  
Seismic kit (XTD and S3T 80-120 versions)  
ENERGYMANAGER

MODELS	S3M CPT-ACT-XTD 10 <sup>BAT</sup>	S3M CPT-ACT-XTD 15 <sup>BAT</sup>	S3M CPT-ACT-XTD 20 <sup>BAT</sup>	S3T CPT-ACT-XTD 10 <sup>BAT</sup>	S3T CPT-ACT-XTD 15 <sup>BAT</sup>	S3T CPT-ACT-XTD 20 <sup>BAT</sup>
<b>INPUT</b>						
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 load <sup>1</sup>			400 ±20% @ full load <sup>1</sup>		
Frequency tolerance [Hz]	40 - 72					
Power factor @ full load	0.99					
Current distortion	THDI ≤3%					
<b>BYPASS</b>						
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					
<b>OUTPUT</b>						
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]	220 <sup>1</sup> / 230 / 240 single-phase + N (selectable)			380 <sup>1</sup> / 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					
<b>BATTERIES</b>						
Type	VRLA AGM/GEL/NiCd/Li-ion/SuperCaps					
Recharging method	One level, Two level, Cyclic recharge (selectable)					
<b>OVERALL SPECIFICATIONS</b>						
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					

<sup>1</sup> For wider tolerance conditions apply.

<sup>BAT</sup> Also available with internal batteries.

MODELS	S3T ACT-XTD 30 <sup>BAT</sup>	S3T ACT-XTD 40 <sup>BAT</sup>	S3T ACT-XTD 60 <sup>BAT</sup>	S3T 80	S3T 100	S3T 120
<b>INPUT</b>						
Rated voltage [V]	380 / 400 / 415 three-phase + N					
Rated frequency [Hz]	50 / 60					
Voltage tolerance [V]	400 ±20% @ full load <sup>1</sup>					
Frequency tolerance [Hz]	40 - 72					
Power factor @ full load	0.99					
Current distortion	THDI ≤3%					
<b>BYPASS</b>						
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					
<b>OUTPUT</b>						
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 <sup>1</sup> / 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					
<b>BATTERIES</b>						
Type	VRLA AGM/GEL/NiCd/Li-ion/SuperCaps					
Recharging method	One level, Two level, Cyclic recharge (selectable)					
<b>OVERALL SPECIFICATIONS</b>						
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] SMART ACTIVE	<40	<50				<55
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					

<sup>1</sup> For wider tolerance conditions apply.

<sup>BAT</sup> Also available with internal batteries.

Note: S3T ACT 60 model is without internal batteries.



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