

TECHNICAL Data



Product: Master FC400

Mounting: Cabinet

Topology: Online

Rating: 30 – 125 kVA

Phase: 3:3

MODELS:	MFC 30	MFC 60	MFC 80	MFC 100	MFC 125
INPUT					
Nominal voltage	380 – 400 – 415 Vac three-phase				
Voltage tolerance	400 V \pm 20%				
Frequency	45 – 65 Hz				
Current distortion	< 5% C (HC Version)				
Soft start	0 – 100% in 120" configurable				
OUTPUT					
Nominal power (kVA)	30	60	80	100	125
Active power (kW)	24	48	64	80	100
Nominal voltage	208 Vac three-phase + N				
Static stability	\pm 1%				
Dynamic stability	\pm 5%				
Voltage distortion	< 3% with linear load / < 4% with non-linear load				
Frequency	400 Hz				
Crest factor (I _{peak} /I _{rms})	3/1				
Overload	110% for 60'; 125% for 10'; 150% for 1'				
INFO FOR INSTALLATION					
Weight (kg)	330	480	500	530	590
Dimensions (WxDxH) (mm)	550 x 740 x 1400	800 x 800 x 1900			
Remote signals	Dry contacts				
Remote controls	ESD and ON/OFF				
Communications	Double RS232 + dry contacts + 2 slots for communications				
Operating temperature	0°C / +40°C (50°C @ 75% load)				
Relative humidity	<95% non-condensing				
Colour	Light grey RAL 7036				
Noise level at 1 m (ECO Mode)	62 dBA	65 dBA	68 dBA	70 dBA	72 dBA
IP rating	IP 20 (others on request)				
Efficiency	Up to 92%				
Standards	Directives LV 2006/95/EC – 2004/108/EC; Safety IEC EN 62040-1; EMC IEC EN 62040-2; Performance IEC EN 62040-3				
Classification in accordance with IEC 62040-3	(Voltage Frequency Independent) VFI – SS - 111				
Moving the UPS	Transpallet				

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Specification subject to change without notice.