

Falcon 7000

UPS 40KVA - 500 KVA

Three Phase Input / Three Phase Output



		40	60	80	100	120	160	200	250	300	400	500
Rating in KVA @ 40° C		40	60	80	100	120	160	200	250	300	400	500
Rating in KVA @ 25° C		44	66	88	110	132	172	220	275	320	440	550
SPECIFICATIONS	Input											
	Normal Voltage	415 V AC 3 ph + N (± 15%)										
	Nominal Frequency	50 Hz (46 to 54 Hz)										
	Power Factor	≥ 0.99										
	THDi (@ Vthd <1%)	< 5%										
	Topology	32 bit DSP controlled										
	Output											
	Power in KW	0.9										
	Power Factor Handling Capacity	0.6 to Unity within KVA and KW rating										
	Voltage	400 V /415 V AC (± 1%) 3 Ph (380 V Optional)										
Frequency	50 Hz / 60 Hz (± 0.1 Hz)											
Transient Response	± 5%, recovery within one cycle to 98%											
Waveform	Sinusoidal											
Total Harmonic Distortion	<2 % for Linear Load, <5% for Non-Linear Load (Ref IEEE 62040-3)											
Overload Capacity	110% for 60 min, 125% for 10 min, 150% for 60 sec											
Efficiency	Up to 99% @ Energy saving mode.											
Bypass												
Voltage & Frequency	415 V AC + 15%, 50 Hz (+ 2.5 Hz) SETTABLE, 3 Phase + Neutral											
Transfer Time	Synchronous mode: No break, Asynchronous mode < 10 ms											
Manual Bypass	Provided											
Environment												
Operating Temperature	0 to 40° C											
Storage Temperature	0 to 70° C											
Relative Humidity	up to 95% RH (Non-condensing)											
Maximum Operating Altitude	1000 m (without de-rating)											
Acoustic Noise @ 1m (Ref. ISO 3746)	≤ 68 dBA					≤ 70 dBA			≤ 72 dBA			
Enclosure Protection Grade	IP 20											
Ventilation	Forced air cooling											
Cable Entry	Top/Bottom (Standard)											
Dimensions												
Width (mm)	600		710		900		1000		1520		1800	
Depth (mm)	800		900		900		900		900		900	
Height (mm)	1300		1300		1750		1750		1750		1750	
Weight (Kg)	300	325		400			850		1050		1300	
Cabinet Finish	RAL											
Communication												
Interface & Protocol	Ethernet RJ45											
Available Options	SNMP, MODBUS											

* The information contained in this publication is subject to change without prior notice.

Ref. Standards IEC 62040-1, IEC 62040-2, IEC 62040-3