

Technical Data UNIBLOCK SF

OUTPUT VOLTAGE 440/254 Volts
 OUTPUT FREQUENCY 60 Hz

UBSF 800, 400V 50 Hz / 440V 60Hz

OUTPUT:

output power	kVA	800	
	kW	640	
output current	A	1050	
output voltage	V	440/254	
voltage regulation	%	+/-1	static, at symmetric load
	%	+/-5	dynamic, at 50% load change
response time	ms	150	half load, voltage out of +/-2%
output frequency	Hz	60	+/-0.1% stat. self controlled
			+/-0.5 Hz dynamic
THD of output voltage (lin load)	%	1.5/2.5	phase to phase / phase to neutral
overload capability (@ nom. volt.)	%	10 for 1 h - 25 for 10 min - 50 for 2 min	
short circuit current		approx. 14 times nominal current	
max. load crest factor		no limitation	
phase angle (-displacement)	°	120 (+/-1)	at symmetric load
Max. load unbalance	%	100	
efficiency ¹⁾	%	90	

INPUT:

Input voltage	V	400/231	+10/-15%
Input frequency	Hz	50	+/-5%
Input current	A	1210	
Start current(20s)	A	800	
Power factor (@ nom. volt.)		0.85	
THD of input current	%	11	
input rectifier No. of thyristors		12	

MISCELLANEOUS:

Wall mounting/side access		y/y	
audible noise ²⁾	dB(A)	77	
airflow	m ³ /h	10800	
max. counter pressure	Pa	50 to 75	
temperature range		0 - 40 °C	(35 °C daily average)
humidity		0 - 95 %	(not condensing)

- 1) Normal operation, typical performance room temperature, balanced load, nominal voltage and pf 1.
 For other conditions the figures may vary.
- 2) Measured at a distance of 1 m, open air.

technical data may change