

RAPTOR HV

Raptor HV connected to a Raptor Master unit powered by 240 Vac, 50 Hz.

HIGH VOLTAGE POWER OUTPUT (@240Vac, 50Hz)

Output AC voltage	Max output AC current	Duty cycle
0..2 KV	1 A	Continuous
0..2 KV	2 A	3 min
0..2 KV	2.5 A	2 min
0..1KV	2 A	Continuous
0..1KV	4 A	3 min
0..1KV	5 A	2 min
Open circuit resolution	1 Vac	

Output frequency 20-400 Hz (Power reduction applied when outside the 50-60 Hz range)

MEASUREMENT (INTERNAL) @ (10..100)% of the range / 50-60Hz

Secondary current (internal)

Ranges	0.08 / 0.8 / 8 Aac
Resolution	0.04 / 0.4 / 4 mAac
Frequency range	20 - 400 Hz
Level accuracy	0.1% of the value + 0.1% of the range
Phase angle accuracy	+/-0.25°

Secondary voltage (internal)

Ranges	1000 / 2000 Vac
Resolution	1 Vac
Frequency range	20 - 400 Hz
Level accuracy	0.1% of the value + 0.1% of the range
Phase angle accuracy	+/-0.25°

EXPANSION PORT (cable length: 1.5 m)

Power input from the amplifier	160 Vac @ 16 A continuous - 32 A 3'
RS-485 communications link	Integrated in the expansion port
Bus supply	+5 V
Phase Synchronism	Yes
Main supply	230 Vac@1A

GENERAL

Power supply	from the Raptor MS's Expansion Port
Weight	28 Kg / 61.6 lbs
Protections	Overheating, Power supply failure, Communications failure
Safety	Integrated high intensity buzzer, External Warning Lamp connector, Mushroom type emergency stop connector
Transportation	Integrated wheels, fixed and adjustable handle
Ventilation	Forced

ORDERING INFORMATION

SYSTEM CONFIGURATION

RAPTOR C-05	1 x Raptor-HH + 1 x Raptor-MS
RAPTOR C-15	1 x Raptor-HH + 1 x Raptor-MS + 1 x Raptor-SL
RAPTOR C-25	1 x Raptor-HH + 1 x Raptor-MS + 2 x Raptor-SL
RAPTOR C-35	1 x Raptor-HH + 1 x Raptor-MS + 3 x Raptor-SL
RAPTOR C-XX + RAPTOR HV	Any of the above configurations + 1 x RAPTOR HV

