

POWER SPECIFICATIONS

REV. DATE: 10/17/96

SENOGRAPHE 700T/800T

VOLTAGE PRIMARY SOURCE IS REQUIRED FOR ALL INSTALLATIONS.
 RANGE OF LINE VOLTAGES :
 NOMINAL LINE VOLTAGE OF 200 TO 240 1 PHASE, 50 OR 60 Hz.

MAXIMUM DAILY VOLTAGE VARIATION MUST FALL WITHIN ONE OF THE RANGES IN TABLE A.

TABLE A
 ALLOWABLE
 INPUT
 VOLTAGES/
 CURRENT
 DEMAND

NOMINAL VOLTAGE	NORMAL RANGE ±10 PERCENT	CURRENT (AMPS)	MINIMUM STANDARD OVERCURRENT PROTECTION
		UP TO 6 SECONDS CONTINUOUS	
200	180 - 220	34	35-A
208	187 - 229	32	35-A
220	198 - 242	31	30-A
230	207 - 253	29	30-A
240	216 - 264	28	30-A

MAXIMUM MOMENTARY LINE CURRENTS INDICATED AT MINIMUM LINE VOLTAGE.

POWER DEMAND CONTINUOUS POWER DEMAND = 6 KVA. FOR UP TO 6 SECONDS

TABLE B
 MAXIMUM
 MOMENTARY
 POWER
 DEMAND.

DEMAND	SENOGRAPHE 700T/800T
kVa	52
POWER FACTOR AT	0.95
mA	320
kVp	150



FEEDER TABLE

FEEDER TABLE

REV. DATE: 09/10/02

- CALCULATIONS BASED UPON NOMINAL VOLTAGE, WIRE SIZE IN AWG.
 - RECOMMENDED FEEDER SIZES FROM DISTRIBUTION TRANSFORMER TO THE POWER CABINET
 - NEUTRAL MUST BE TERMINATED INSIDE THE MAIN DISCONNECT PANEL AND NOT AT ANY GE CABINET.
 - THE GROUNDING CONDUCTOR () WILL BE OF SAME SIZE AS THE FEEDER WIRES WITH A 1/0 MINIMUM. THIS GROUND WILL RUN FROM THE EQUIPMENT BACK TO THE FACILITY POWER SOURCE/MAIN GROUNDING POINT AND ALWAYS TRAVEL IN THE SAME CONDUIT WITH THE FEEDERS AND NEUTRAL.
 - IF THE GENERAL ELECTRIC EQUIPMENT IS BEING FED BY A DELTA SECONDARY, IT IS RECOMMENDED THAT THE B PHASE ON THE SECONDARY BE CONNECTED TO GROUND TO PREVENT DAMAGE TO THE SYSTEM.
 - FOR A FULL SYSTEM UPS, REFER TO ELECTRICAL DETAILS FOR UPS FEEDER WIRES.
- NOTE : ALL WIRE IMPEDANCES MUST BE 0.2 OHMS OR LESS

MAXIMUM RUN LENGTH IN FEET	POWER SUPPLY VOLTAGE					
	180-220 200	187-229 208	198-242 220	207-253 230	216-264 240	
100	2 NO.8 1 NO.8G	2 NO.8 1 NO.8G	2 NO.8 1 NO.8G	2 NO.8 1 NO.8G	2 NO.10 1 NO.10G	
200	2 NO.4 1 NO.4G	2 NO.4 1 NO.4G	2 NO.4 1 NO.4G	2 NO.6 1 NO.6G	2 NO.6 1 NO.6G	
300	2 NO.2 1 NO.2G	2 NO.3 1 NO.3G	2 NO.3 1 NO.3G	2 NO.4 1 NO.4G	2 NO.4 1 NO.4G	
400	2 NO.1 1 NO.1G	2 NO.1 1 NO.1G	2 NO.2 1 NO.2G	2 NO.2 1 NO.2G	2 NO.3 1 NO.3G	