

ELECTRICAL	
Output	0-25000 Volts DC .
Leakage Current	.5-5 mA DC from 0-18kVdc output, derated linearly to 2mA output current at 25kVdc.
Pass/Fail Criteria:	
Leakage Current:	Pass/Fail point user adjustable 500uA-min.
Dielectric Breakdown:	Separate high frequency detection circuit for breakdown spike detection
Test Time:	User adjustable 1->60 sec., defeatable
Voltage Ramp-up Time:	User adjustable 1-5 sec., defeatable
Voltage Ramp-down Time:	Factory set 8 seconds maximum (open circuit)
Pass/Fail Repeatability	± 2%
Duty cycle	100 %
Test adjustments	Ramp Time (using Ramp Control) Test Time (using Timer Control) Leakage Limit (using Shutdown Limit) Voltage Adjust Ramp Control ON/DEFEAT Timer Control ON/DEFEAT Shutdown Limit ON/DEFEAT
 ENVIRONMENTAL	
Operating Temperature	0-50°C at 5 – 45% RH 0-40°C at 5 – 75% RH 0-30°C at 5 – 95% RH
Non-operating Temperature	-40° - 71°C
 GENERAL	
Input power requirements	108-132 volts, 50/60 Hz, 2A max, or 220 volts, 50 Hz, 2A max.
Weight	32 lbs.
 SAFETY AGENCY TOPICS	
Transformer Output	< 500VA
Visual Indication of Voltage Output	Provided by front panel meter, directly connected to high voltage output
Failure Indication	Audible, provided by internal buzzer Visual, provided by red LEDs on front panel
Leakage Test	Test can be automatically terminated on failure Provided; 2 mA DC factory set pass/fail point, user adjustable.

Table 2-1. HT-25KVDC Specifications