

HV Driver Specifications
高压驱动器产品规格书
HD0018-024040-0020CS

1. SPECIFICATIONS (规格)

Output pulse amplitude (输出脉冲幅值)	4kV (±2kV)
Output pulse width (输出脉冲宽度)	200ns-2us
Max. repetition rate (最大重复频率)	20kHz
Rise time (上升时间)	≤20ns
Fall time (下降时间)	≤20ns
Output pulse waveform (输出脉冲波形)	Square (方波)
Load capacitance (负载电容)	≤10pF
Power (供电)	+24V DC
Trigger level (触发电平)	0-5V TTL (50Ω)
Shell material (外壳材料)	Aluminium alloy (铝合金)
Cooling (散热方式)	Conduction-cooled (传导冷却)
Operation temperature (工作温度)	0℃~70℃
Storage humidity (存放湿度)	<90%RH

2. SORDERING CODES (编码规则)

	Power		Amplitude		Repetition rate
HD0001	— XXX	—	XXX	—	XXX
	110V 110	4000V 040	100kHz 100		
	220V 220	6000V 060	500kHz 500		

3. DIMENSIONS (外形尺寸-mm)

4. SUGGESTED RF DRIVER ELECTRONICS (建议驱动型号)

5. REVISION (版本)

Number (版本号)	Revisions date (修订日期)	Revision (修改项目)	Revision description (修订内容说明)
A	2022.7.26	New	/

Quality Assured: In house made, high damage threshold, Vacuum bonding, 100% Diffraction efficiency test & burn-in test.