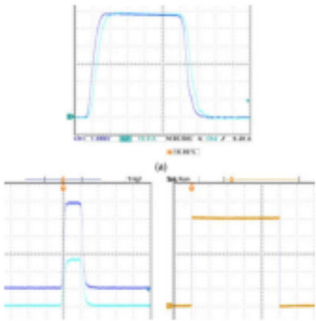


HV Driver Specifications  
高压驱动器产品规格书  
HD0011-220040-1000WS



1. SPECIFICATIONS (规格)

|                                 |                   |
|---------------------------------|-------------------|
| Output amplitude (输出幅值)         | 4000V(±2000V)     |
| High voltage overshoot (高压过冲)   | <10%              |
| Output pulse width (输出脉冲宽度)     | 20-1000ns         |
| Repetition rate accuracy (重复频率) | 5ns               |
| Pulse jitter (脉冲抖动)             | <3ns              |
| Rise/Fall time (上升/下降时间)        | ≤10ns             |
| Output pulse waveform (输出脉冲波形)  | Square (方波)       |
| Load capacitance (负载电容)         | ≤20pF             |
| Power (供电)                      | 220V AC           |
| Connector (接口)                  | Pin               |
| Cooling (散热方式)                  | Water-cooled (水冷) |
| Operation temperature (工作温度)    | 0℃~60℃            |
| Storage humidity (存放湿度)         | <80%RH            |

| Power  |         | Amplitude |         | Repetition rate |       |
|--------|---------|-----------|---------|-----------------|-------|
| HD0001 | — XXX — | XXX       | — XXX — | X               | X     |
| 110V   | 110     | 4000V     | 040     | 100             | 风冷    |
| 220V   | 220     | 6000V     | 060     | 500             | 水冷    |
|        |         |           |         |                 | F 方波  |
|        |         |           |         |                 | W 正弦波 |
|        |         |           |         |                 | S C   |

