

## SK601 IGBT driver card introduction

Single 15V power supply, it is recommended to use a switching power supply with a power of more than 100W

Using brand IGBT drive core, single channel 4W output power, peak current  $\pm 30A$

Full-bridge inverter control design, directly drive four signal IGBTs, reserved with expansion interface

Power status, driving signal and fault signal are indicated by LED, the working status is clear at a glance

Primary and secondary side 4.5KV electrical isolation, safe and reliable

Desaturation detection short circuit protection and power supply undervoltage protection function

The upper and lower tubes prevent short-circuit output design, prevent false trigger output, and avoid IGBT tube explosion (but if customer connected wrong or set parameter wrong, big current will burn both IGBT and driver card.)

Suitable for driving medium and high power IGBTs

The driving switching frequency is up to 60KHz (the higher the driving frequency, the capacity of the driven IGBT module will be correspondingly smaller)

Dimensions: 200 \* 160 \* 30 mm      Hole size: 185 \* 145mm

