

Product Overview

The GCK low-voltage withdrawable switchgear consists of two parts: the power distribution center (PC) cabinet and the motor control center (MCC). It is suitable for power users such as power plants, substations, and industrial and mining enterprises as an AC 50Hz, maximum working voltage up to 660V, and maximum working current up to 3150A distribution system. It is used for power distribution, motor control, and lighting distribution equipment to convert and distribute electrical energy

产品型号说明

G C K(L) □ - □
① ② ③ ④ ⑤

①	封闭式
②	抽出式
③	用途代号: K- 控制中心、L- 动力
④	设计序号: 1、2、3
⑤	主电路方案号

Features

This series of products has high breaking capacity, good dynamic and thermal stability, advanced and reasonable structure, practical electrical solutions, and series characteristics. Strong universality, various scheme units can be combined arbitrarily, one cabinet can accommodate more circuits, saving floor space, beautiful appearance, high protection level, safe and reliable, easy maintenance and other advantages

This product complies with the IEC 439 NEMA ICS 2-322 standard, as well as the national standard GB 7251-2005 "Low voltage switchgear" and the professional standard ZBK36001 "Low voltage withdrawable switchgear"

Usage conditions

Altitude: not exceeding 2000m

Environmental temperature: The temperature should not exceed +40 °C, and the average temperature within 24 hours should not exceed +35 °C. The ambient air temperature should not be lower than -50 °C

Atmospheric conditions: The air is clean, and the relative humidity does not exceed 50% at a temperature of +40 °C. Higher relative humidity is allowed at lower temperatures, such as 90% at +20 °C

Places without fire, explosion hazards, severe pollution, chemical corrosion, and severe vibration

Tilt no more than 5 degrees from the vertical plane

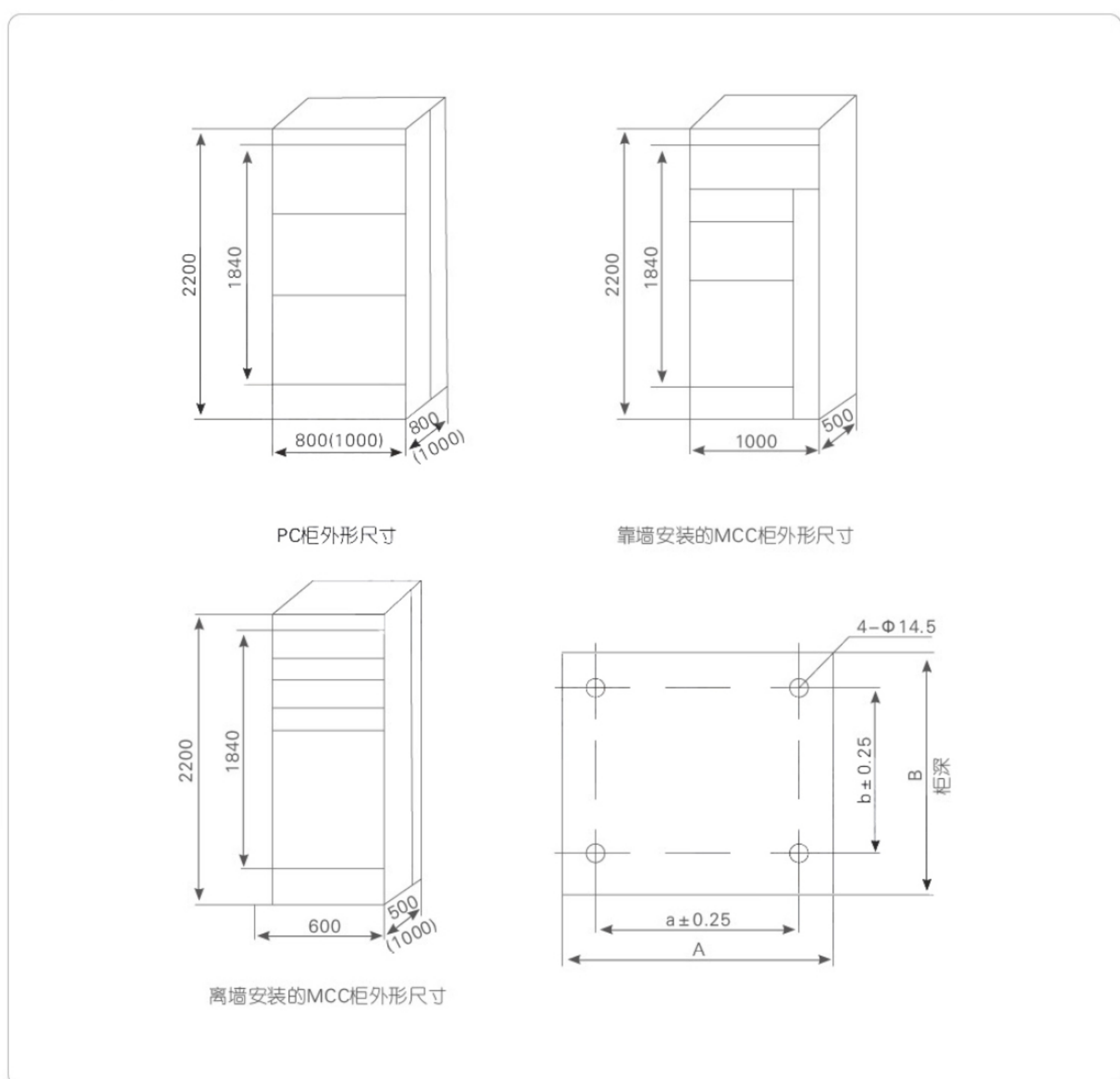
This product is suitable for transportation and storage at temperatures ranging from -25 °C to +55 °C, and within a short period of time (not exceeding 24 hours), it should not exceed +70 °C

Note: If ordering this product exceeds the above conditions, please consult with our company

技术参数

额定工作频率 (Hz)		50
额定工作电压 (V)		380, 660
额定绝缘电压 (V)		660
额定工作电流 (A)	水平母线	630-3150
	垂直母线	600
额定短时耐受电流	水平母线	80kA(有效值)/1秒
	垂直母线	50kA(有效值)/1秒
额定峰值耐受电流	水平母线	176kA/0.1s
	垂直母线	110kA/0.1s
主电路接插件 (A)		200, 400
辅助电路接插件 (A)		10
工频耐压 1分钟 (V)		2500
防护等级		IP40
操作方式		就地, 远方, 自动

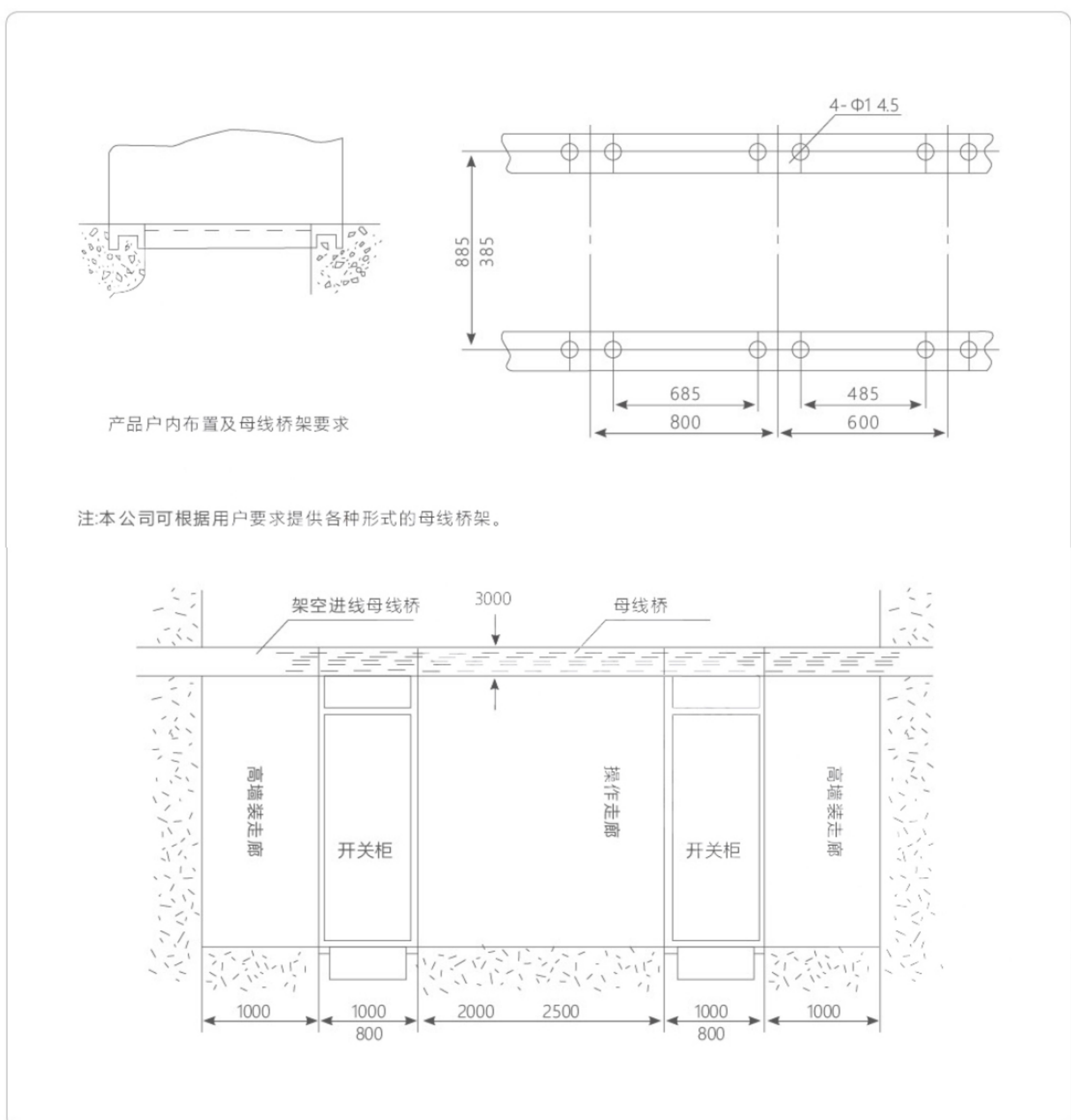
外形及安装尺寸



安装尺寸及安装孔

柜宽 (A)	柜深 (B)	安装孔距 (a)	安装孔距 (b)
800	500	685	385
600	800	485	685
600	1000	485	885
800	800	685	685
800	1000	685	885
1000	800	885	685
1000	1000	885	885

产品安装基础示意图



Special Reminder

When installing this product, the horizontal line between cabinets should be firmly and reliably connected

The door of this product has an interlocking function with the main switch, which means that the door can only be opened in the event of a power outage. The other side of this product is a screw sealing plate, which does not have an interlocking function with the main switch. Therefore, please When disassembling the side panel of this product for maintenance, users must disconnect the power supply

Non professionals are not allowed to open the cabinet for maintenance and inspection