

## 厦门1769-OV16模块 全新原装 质保一年

产品名称	厦门1769-OV16模块 全新原装 质保一年
公司名称	厦门盈亦自动化科技有限公司
价格	868.00/件
规格参数	A-B:PLC OV16:1769-OV16 美国:模块
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## 产品详情

厦门1769-OV16模块 全新原装 质保一年

1769-ADN

1769-AENTR

1769-ARM

1769-ASCII

1769-BA

1769-ECL

1769-ECR

1769-HSC

1769-IA16

1769-IA8I

1769-IF16C

1769-IF16V

1769-IF4

1769-IF4I

1769-IF8

1769-IG16

1769-IM12

1769-IQ16

1769-IQ16F

1769-IQ32

1769-IQ32T

1769-IR6

1769-IT6

1769-L30ER

1769-L30ERM

1769-L31

1769-L32C

1769-L32E

1769-L33ER

1769-L33ERM

1769-L35CR

1769-L35E

1769-L36ERM

1769-OA16

1769-OA8

1769-OB16

1769-OB16P

1769-OB32

1769-OB32T

1769-OB8

1769-OF2

1769-OF4

1769-OF4CI

1769-OF4VI

1769-OF8C

1769-OF8V

1769-OG16

1769-OV16

1769-OV32T

1769-OW16

ABB partners with Boliden to reduce carbon footprint of its industrial products  
ABB与Boliden合作，减少其工业产品碳足迹

ABB is working with Boliden, the Swedish mining and smelting company, to build a strategic co-operation to use low carbon footprint copper in its electromagnetic stirring (EMS) equipment and high-efficiency electric motors. The aim is to reduce greenhouse gas (GHG) emissions while driving the transition to a more circular economy.

ABB正在与瑞典采矿和冶炼公司Boliden建立战略合作关系，在其电磁搅拌（EMS）设备和高效电动机中使用低碳足迹的铜。其目的是减少温室气体排放，同时推动向更加循环的经济过渡。

The partnership with Boliden forms an integral part of ABB's strategic ambition to reduce the environmental impact of raw materials used in its products by replacing them with lower carbon alternatives. Apart from using recycled copper, ABB has committed to increase the use of recycled electric steel (e-steel) and recycled aluminum. The move is also an important step in closing the circularity loop that has already seen ABB designing its motors to be up to 98 percent recyclable, with the remaining two percent of materials available to be incinerated for heat recovery. Recycling copper, aluminum and steel offers energy savings of between 75 and 95 percent compared to virgin production.

与Boliden公司的合作构成了ABB战略目标的一个组成部分，即通过用低碳替代物来减少其产品中使用的原材料对环境的影响。除了使用再生铜之外，ABB还承诺增加使用再生电工钢（e-steel）和再生铝。此举也是实现循环闭环的重要一步，ABB已经将其电机设计成高达98%的可回收材料，其余2%的材料可进行焚烧以回收热量。与原始生产相比，回收铜、铝和钢可节省75%至95%的能源。

The co-operation includes ABB placing the first order for Boliden's certified recycled copper through Finnish metals manufacturing specialist Luvata. Hollow conductor wire made from the material will be used in ABB's EMS products for both steel and aluminum manufacturing.

这项合作包括ABB通过芬兰金属制造专家Luvata下了份Boliden认证回收铜的订单。由这种材料制成的空心导线将被用于ABB的钢铁和铝制造的电磁搅拌产品。

Furthermore, as of 2023, ABB will purchase Boliden ' s low-carbon and recycled copper to cover the demand for its IE5 Ultra-Premium Efficiency SynRM and e-mobility motors produced in Europe. The two companies have also signed a memorandum of understanding that will see ABB supporting Boliden in identifying inefficient low-voltage motors across its operating units. These motors can then be replaced with high efficiency motors within ABB ' s take back upcycling framework, with the old motors recycled to provide raw material for Boliden ' s recycled copper.

此外，从2023年起，ABB将购买Boliden的低碳再生铜，以满足其在欧洲生产的IE5超高效SynRM和电动汽车电机的需求。两家公司还签署了一份谅解备忘录，ABB将支持Boliden识别其运营单位的低效低压电机。然后，这些电机可以在ABB的回收升级框架内被替换为高效电机，旧电机的回收将为Boliden的再生铜提供原材料。

Copper is a vital material for manufacturing industrial electrical equipment, but its production is energy intensive. To address this, Boliden has developed low-carbon copper that is mined using fossil-free energy and also produces copper using secondary raw material from recycled products. The carbon footprint of these products is 65 percent lower than the industry average. A typical 75-kilowatt (kW) motor weighing 650 kg might include 80 kg of copper. Using Boliden ' s copper saves approximately 200 kg of CO emissions for every one of these motors manufactured. Each stirrer has up to 2,700 kg of copper, saving up to 6,700 kg of CO<sub>2</sub> per stirrer.

铜是制造工业电气设备的重要材料，但其生产是能源密集型的。为了解决这一问题，Boliden开发了使用无化石能源开采的低碳铜，并使用回收产品中的二次原材料生产铜。这些产品的碳足迹比行业平均水平低65%。一个典型的75千瓦重650公斤的电动机可能包含80公斤的铜，每生产一台这样的电机，使用Boliden的铜就可以节省大约200公斤的二氧化碳排放。每个搅拌器有多达2,700公斤的铜，因此每个搅拌器可节省多达6,700公斤的二氧化碳。