

# JHG电机引接线电机引出线电机连接线

产品名称	JHG电机引接线电机引出线电机连接线
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价格	.00/件
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## 产品详情

江苏春晨电缆有限公司生产JHG电机引接线电机引出线电机连接线，

和燃料驱动的车辆不同，控制电动汽车的电机的三相交流电成为必须。携带能量的正弦电压相当于不同频率的方波脉冲信号。由于高频率的脉冲具有陡峭的沿，所以会产生能量很强的谐波发射到周边区域。

Different from the fuel - driven vehicles, it is necessary to control the three-phase alternating current of the motor of the electric vehicle. The sinusoidal voltage with energy is equivalent to the square wave pulse signal of different frequencies. Because the high frequency pulse has a steep edge, the high energy harmonics will be emitted into the surrounding area.

通过使用适当的屏蔽方法完全可以解决EMI问题。在某些情况下为满足屏蔽效果的不同要求需要采用不同屏蔽类型的组合。

The EMI problem can be solved by using the appropriate shielding method. In some cases, different shielding types should be used to meet the different requirements of shielding effectiveness.

6. 柔韧性

6. flexibility

混合动力汽车的开发在许多情况下面临的挑战是，现有的系列平台原来只设计装载汽油发动机和它的组件的空间纳入了更多的电气组件。即使不考虑布线，空间的限制可以预计。此外，电缆和连接器通过路由也需要空间。通常的后果是导致紧张的弯曲半径。

The challenge of developing hybrid electric vehicles in many cases is that the existing series of platforms originally designed to load gasoline engines and their components into more electrical components. Even without consideration of wiring, space constraints can be predicted. In addition, the cable and connector will also need space through routing. The usual consequence is the strain of the bending radius.

由于常规电缆固有的设计，高弯曲力难以克服。为了解决这个问题，高压电缆高柔韧性是至关重要的。只有比较柔韧的设计，通过车辆的路由才可以容易实现。

Because of the inherent design of the conventional cable, it is difficult to overcome the high bending force. In order to solve this problem, the high flexibility and toughness of high voltage cable is very important. Only a more flexible design can be easily realized through the routing of vehicles.

## 7. 耐弯曲

### 7. bending resistance

如果电动机位于靠近车辆的运动部位，然后导致连接的高压电缆连续振动，它要求被设计成能承受高的循环弯曲，以确保良好的弯曲耐力。

If the motor is located near the moving part of the vehicle and then leads to continuous vibration of the connected high-voltage cable, it requires that it is designed to withstand high cyclic bending to ensure good bending endurance.

## 8. 标识

### 8. sign

因为高电压带来应用风险增加，各种标准均定义高压电缆必须在视觉上与普通汽车电缆区分，指定表面必须是鲜艳的橙色。

Because of the increased application risk of high voltage, all standards define that the high-voltage cable must be visually distinguishes from the ordinary automobile cable, and the specified surface must be bright orange.

同时也可以印刷警示内容和特殊标记，如“小心!高压600V”、高电压的闪电标识等。

It can also print warning and special marks, such as "careful! High voltage 600V", high voltage lightning signs, and so on.

## 三、电动车电缆的标准化现状

### Three. Current status of electric cable standardization

针对上述的电动汽车应用的高压电缆的挑战和要求，有必要建立新的电缆标准，以满足供应商、线束厂以及主机厂的需要。

In view of the challenges and requirements of the above-mentioned high-voltage cables for electric vehicles, it is necessary to establish new cable standards to meet the needs of suppliers, harness plants and main engine factories.

\*\*\*\*化组织道路车辆技术委员会电气电子分技术委员会车用电线工作组(ISO/TC 22/SC 3/WG4)在开展这项工作。JHG电机引接线电机引出线电机连接线

This work is carried out by the ISO/TC 22/SC 3/WG4 Working Group on the electrical and electronic sub Technical Committee of the International Standardization Organization for road and vehicle technology committee.

在ISO 6722上可以看到，基于常见的60 V电缆标准进行了修订，以符合600V电缆的需求。因为它的大多数要求还是很通用的，但往往不考虑高压电缆所需的特殊设计。ISO 14572也作了类似的修订。JHG电机引接线电机引出线电机连接线

As you can see on ISO 6722, the common 60 V cable standard has been revised to meet the needs of the 600V cable. Because most of its requirements are still very common, they often do not consider the special design required for high voltage cables. ISO 14572 also made a similar revision.