



**航天重型工程装备有限公司**  
AEROSPACE HEAVY INDUSTRY CO., LTD



## 矿用防爆电动无轨胶轮人员运输车系列

Underground Explosion-proof Electric Personnel Vehicle Series

### 突出优势

#### Advantages

采用动力锂电池为电源，运行过程中零排放、低噪声，节能环保；

Using power lithium battery for power supply, zero emissions, low noise, energy conservation and environmental protection;

专用底盘设计，空间大，驾乘舒适；

Special chassis design, Large space, convenient driving;

采用变频调速系统和高效驱动系统，动力强劲；

Using variable frequency speed regulation system and high efficient drive system, powerful;

采用智能监控系统，实时监控电机、减速机、电池等重要部件的工作状态；

The intelligent monitoring system, real-time monitor the working state of the motor, the reducer, the battery, and other important components;

整车采用符合人机工程学的布局设计，视野开阔，驾驶舒适；

The layout of the vehicle used in line with the ergonomics design, vision, comfortable drive;

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矿用防爆电动无轨胶轮人员运输车以防爆锂电池组为动力源，防爆交流电机为动力输出，整车主要由车架、车身、转向系统、驱动系统、车轮、悬架、制动系统、液压系统、动力电池和电气系统等组成。主要应用于矿区井下、井上人员运输、调度指挥和救援作业。

Underground explosion-proof electric personnel carriers adopt explosion-proof lithium battery as the power supply, explosion-proof ac motor as the power output, the vehicle is mainly composed of frame, body, steering system, driving system, wheels, suspension, brake system, hydraulic system, power battery and electrical system, etc. Mainly used in underground mine, personnel transportation.

### 产品技术参数 Technical parameters

	指挥车系列 Command Vehicle Series		运人车系列 Personal Vehicle Series		
产品型号 Mode	WLR-5	WLR-8	WLR-10	WLR-12	WLR-17/19
乘坐人数 Payload	5人	8人	10人	12人	17 (薄煤层) 19 (中厚煤层)
整备质量 (kg) Vehicle Weight (kg)	3000	4050	5500	8500	6990
连接形式 Connection form	刚性 rigid	刚性 rigid	刚性 rigid	刚性 rigid	刚性 rigid
驱动形式 Drive mode	4x2	4x2/4x4 可选 Optional	4x2/4x4 可选 Optional	4x2	4x2/4x4 可选 Optional
爬坡能力 (°) Grade Ability	14	14	14	14	14
最小离地间隙 (mm) Min. Ground Clearance (mm)	200	190	180	200	195
最小扫过半径 (外) (mm) Min. Turning Diameter (outside) (mm)	7500	6000	7150	7600	7500
最高车速 (km/h) Max. Speed(km/h)	40	40	40	40	40
综合续航里程 (km) Comprehensive range(km)	80 (in the pit) 100 (Full load level road)	80 (in the pit) 100 (Full load level road)	80 (in the pit) 100 (Full load level road)	80 (in the pit) 100 (Full load level road)	80 (in the pit) 100 (Full load level road)
外形尺寸长×宽×高 (mm) Oversize Dimension Length x Width x Height(mm)	5200*1700*1620 (薄煤层) 5310*1860*1880 (中厚煤层)	5200*1900*1870 (中厚煤层)	5600*1900*1600 (薄煤层) 6100*1950*2180 (中厚煤层)	6670*1940*2340 (中厚煤层)	5900*1900*1600 (薄煤层) 6100*1950*2200 (中厚煤层)
智能监控功能 Intelligent monitoring function	可选配 Optional	可选配 Optional	可选配 Optional	可选配 Optional	可选配 Optional

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5人指挥车  
5-person Command Vehicle



8人指挥车  
8-person command Vehicle



10人客货车  
10-person vehicle



19人运输车  
19-person transport vehicle



**航天重工 军工品质**  
Aerospace Heavy Industry Military Quality