

KP Cable Powered Electric Flat Carts

Product Introduction

The KP series rail cars mainly have : KPX battery power supply, KPJ cable drum power supply, and KPD low-voltage rail power supply methods. Running distance: 0-100M

KP cable powered track flat car is a flat car that relies on the winding device of the AC 380V cable to provide power to the flat car. The winding device is placed below the track flat car, and the power is directly controlled by the AC control system to start, stop, move forward, move backward, etc. of the motor. Due to the limitations of cable lines, it is suitable for short distance rail transportation systems, and the operating distance is generally less than 100 meters.

Basic Parameter

Model	KPJ-6-2 KPJ-10-2	KPJ-6-1 KPJ-10-1	KPJ-16-1	KPJ-25-1	KPJ-40-1	KPJ-63-1	KPJ-100-1	KPJ-150-1	KPJ-200-1	KPJ-300-1	
Load capacity (t)	1T	2T	16	25	40	63	100	150	200	300	
Length (mm)	3000	3600	4000		4500	5500	6000	8000		9000	
Width (mm)	1600	2000	2200			2500		2800			
Height (mm)	≤440	≤480	≤580	≤620	≤850	≤1200	≤1250	≤1350			
Wheel (piece)	4				8				8		
Wheel diameter (mm)	φ360		φ400		φ500		φ600		φ700		
Track gauge (inner side) (mm)	762				1435						
Wheelbase (mm)	1700	1800	2000	2500	2800	3500	4500	5000			
Running speed (m/min)	~30				~25				~20		
Motor model/power Ground clearance (mm)	YZ132m1-6 / 2.2KW		YZ132m2-6 / 3.7KW		YZ160m1-6/5.5KW		YZ160m2 / 7.5KW		YZ160m2 7.5KW*2	11*2 22KW	15*2 / 30KW
Self weight (T)	~50				~60				~70		
Recommended steel rails	~24	~28	~35	~45	~55	~82	~12	~25	~29	~35	

Advantages

1. This series of electric flat cars is suitable for harsh environments, high temperature environments, explosion-proof environments, and other occasions;
2. Due to its simple structure and low cost, it is a common track flat car for workshop crossing;
3. Compared to the KPX series flat cars, it is not limited by usage time;
4. Compared to the KPD series flat cars, the requirements for track laying are not high;
5. Suitable for any load capacity and high frequency of use, with a maximum operating distance of less than 200 meters.

