

KPX battery powered electric flat carts

Description

The KPX series electric flat car is a new type of electric flat car powered by batteries in the absence of power. It solves the problem of no power supply. It can be driven centrally or separately. It has a beautiful and reasonable appearance and is easy to maintain.

Features

It relies on batteries to provide power to the DC traction motor to drive the vehicle. Compared with AC motors, DC motors have the advantages of not easy to burn, large starting torque, and strong overload capacity. Since there is no cable, the flat car is safe to run and does not hinder cross-transportation.

◆ Базовый параметр

Lifting capacity: 3-100T

Running distance : 0-100M



Flat car model	KPX-2t	KPX-5t	KPX-10t	KPX-16t	KPX-20t	KPX-25t	KPX-30t	KPX-40t	KPX-50t	KPX-63t	KPX-80t	KPX-100t	KPX-150t
Rated load capacity (t)	2	5	10	16	20	25	30	40	50	63	80	100	150
Table size (mm)	Length (L)	3500	3600	4000	4000	4500	4500	5000	5500	5600	6000	6500	10000
	Width (W)	2000	2000	2000	2000	2200	2200	2400	2400	2400	2600	2800	3000
Track width (mm)	Height (H)	150	500	500	550	600	600	650	650	700	800	900	1200
	Track width (mm)	1200	2500	2600	2800	3200	3200	3800	4200	4300	4700	4900	7000
Rail inner distance (mm)	1200	1435	1435	1435	1435	1435	1435	1435	1435	1435	1800	2000	2000
Wheel diameter (mm)	Φ270	Φ300	Φ300	Φ350	Φ350	Φ400	Φ400	Φ500	Φ500	Φ600	Φ600	Φ600	Φ600
Number of wheels (pieces)	4	4	4	4	4	4	4	4	4	4	4	4	8
Ground clearance (mm)	50	50	50	50	50	50	50	50	50	75	75	75	75
Running speed (m/min)	0-25	0-25	0-25	0-20	0-20	0-20	0-20	0-20	0-20	0-20	0-20	0-20	0-18
Motor power (kW)	1	1.2	1.6	2	2.2	3	3.5	4	5	6.3	8	10	15
Battery capacity (Ah)	180	180	160	180	180	250	250	300	330	400	400	440	600
Battery voltage (V)	24	36	48	48	48	48	48	48	48	48	72	72	72
Full load continuous running time	4.32	5.4	4.8	4.3	4	4	3.5	3.6	3.3	3	3.6	3.2	2.9
Range (km)	6.5	8.1	7.2	5.1	4.8	4.8	4.2	4.3	4	3.6	4.3	3.8	3.2
Large wheel pressure (KN)	14.4	25.8	42.6	64.5	77.7	94.5	110.4	142.8	174	221.4	278.4	343.8	265.2
Reference weight (t)	2.8	3.6	4.2	5.5	5.9	6.5	6.8	7.6	8	10.8	12.8	14.6	26.8
Recommended track model	P15	P18	P18	P24	P24	P38	P38	P43	P43	P50	P50	QU100	QU100