

让世界更合力
EMPOWER THE WORLD

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CDD16FB
A2LiB7/A2B7/A2RB2
CPD12/16FB
A2LiB7/A2RB7/A2RB2



防爆托盘堆垛车
防爆蓄电池平衡重式叉车

Explosion-proof pallet stacking truck
Explosion-proof battery counterweight forklift truck

适用的作业场所

Applicable workplace

爆炸性气体

Explosive gas

0区
Zone 0

爆炸性气体环境连续出现或长时间存在的场所
A place where explosive gas atmosphere persists continuously or for a long time.

防爆车辆
Explosion-proof vehicle

✕

1区
Zone 1

在正常运行时,可能出现爆炸性气体环境的场所
In normal operation, there may be a hazardous gas environment.

防爆车辆
Explosion-proof vehicle

✓

2区
Zone 2

在正常运行时,不可能出现爆炸性气体环境,如果出现也是偶尔发生并且仅是短时间存在的场所
In normal operation,an explosive gas environment is not possible, and if it does occur, it occurs occasionally and only for a short time.

防爆车辆
Explosion-proof vehicle

✓

爆炸性粉尘

Explosive dust

20区
Zone20

连续或长时间或经常以空气中的可燃尘雾形式呈现的爆炸环境
An explosive environment that appears continuously or for a long time or often in the form of a combustible dust cloud in the air.

防爆车辆
Explosion-proof vehicle

✕

21区
Zone21

正常工作情况下偶尔有可能以空气中的可燃尘雾形式呈现的爆炸环境
Under normal working conditions, there may occasionally be an explosive environment in the form of combustible dust mist in the air.

防爆车辆
Explosion-proof vehicle

✓

22区
Zone22

正常工作情况下不可能或者有可能也仅仅在很短时间以内以空气中的可燃尘雾形式呈现的爆炸环境
An explosive environment in the form of a combustible dust cloud in the air that is not possible or likely to occur for only a short time under normal operating conditions.

防爆车辆
Explosion-proof vehicle

✓

爆炸性环境分类

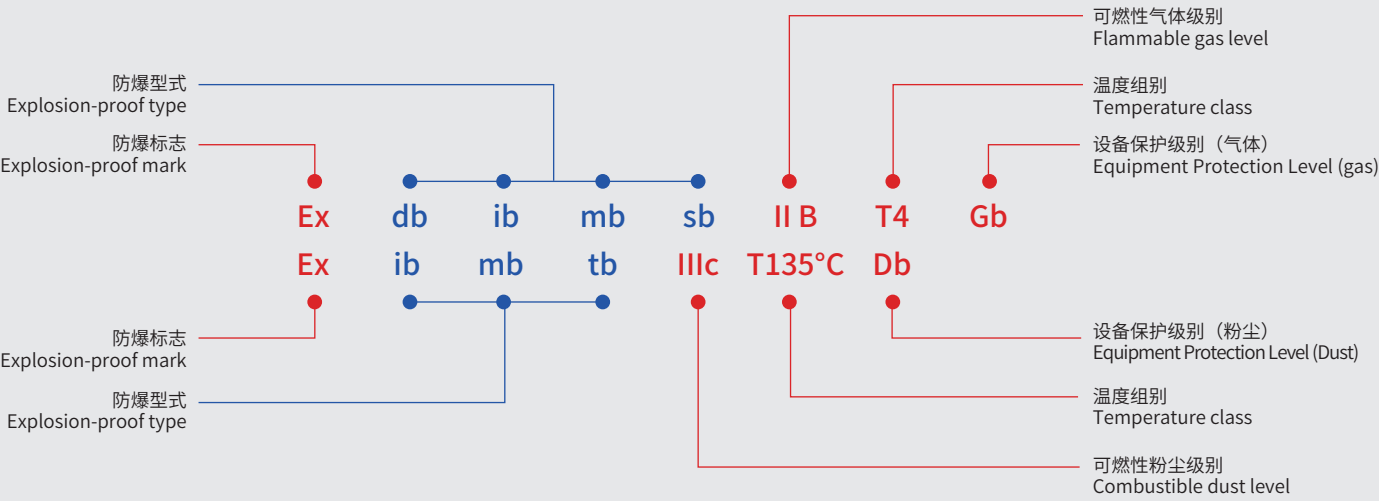
Classification of explosive environment

气体分类 Gas group	代表性试验气体 Representative test gas
II A	丙烷 Propane
II B	乙烯 Ethylene
II C	氢气 Hydrogen

粉尘分类 Dust group	分类说明 Classification specification
IIIA	可燃性飞絮 Combustible flying flocs
IIIB	非导电性粉尘 Non-conductive dust
IIIC	导电性粉尘 Conductive dust

防爆标志说明

Explosion-proof marking specification



设备温度组别

Equipment Temperature class

温度组别 Temperature class	最高表面温度 Maximum surface temperature
T1	450°C
T2	300°C
T3	200°C
T4	135°C
T5	100°C
T6	85°C

主要防爆型式

Main type of explosion protection

防爆型式 (气体) Explosion-proof type (gas)	防爆标志 (气体) Explosion-proof mark (gas)	防爆型式 (粉尘) Explosion-proof type (dust)	防爆标志 (粉尘) Explosion-proof mark (dust)
隔爆型 Flameproof type	da;db;dc	外壳保护型 Shell protected type	ta;tb;tc
本质安全型 Intrinsically safe type	ia;ib;ic	本质安全型 Intrinsically safe type	ia;ib;ic
浇封型 Encapsulated type	ma;mb;mc	浇封型 Encapsulated type	ma;mb;mc
特殊型 Special type	sa;sb;sc	特殊型 Special type	sa;sb;sc
增安型 Increased safety type	ea;eb;ec	—	—

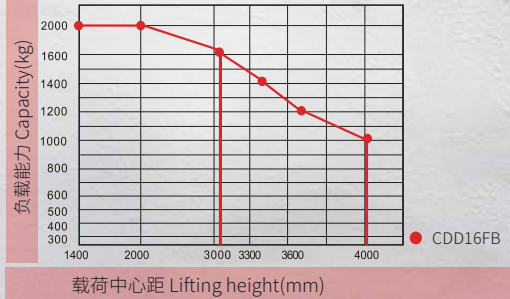


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CDD16FB-A2LiB7/A2B7/A2RB2

防爆托盘堆垛车
Explosion-proof pallet
Stacking truck

载荷曲线图 Load curve chart



产品特点 Product characteristics

防爆EPS Explosion-proof EPS

防爆EPS助力转向, 轻便、高效、静音
Explosion-proof EPS power steering, light, efficient, quiet

模式选择 Pattern selection

2种下降速度模式选择, 高效安全
2 Choice of descending speed mode, Efficient and safe

身份识别 Identity identification

身份识别系统, 采用ID卡与指纹识别。
Identification system, using ID card and fingerprint recognition

自动限速 Automatic speed limit

货叉高位或车辆转弯时自动限速, 为您的安全保驾护航
Automatic speed limit when the fork is high or the vehicle turns, escorting your safety

控制器 Controller

符合欧洲标准的进口控制器, 运行更安全
Imported controllers in line with European standards, safer operation;

安全高效 Safe and efficient

交流防爆驱动电机, 安全、高效、免维护, 全面提升作业效率
Ac explosion-proof drive motor, safe, efficient, maintenance-free, comprehensively improve working efficiency

安全高效 Safe and efficient

弯道自动减速装置, 紧急反向装置/紧急制动开关, 更安全
Curve automatic deceleration device, emergency reverse device/emergency brake switch, safer

技术参数Technical parameter

特性 Feature	单位 Unit						
型号 Model		CDD					
配置号 Configuration number		16FB-A2LiB7		16FB-A2B7		16FB-A2RB2	
名称 Name		防爆托盘堆垛车(锂电池) Explosion-proof pallet stacking truck (lithium battery)		防爆托盘堆垛车 Explosion-proof pallet stacking truck		防爆托盘堆垛车 Explosion-proof pallet stacking truck	
防爆标志 Explosion-proof sign		Ex de ib mb II B T4 Gb; Ex ib D mb D tD A22 IP54 T130°C		Ex de ib mb sb II B T4 Gb; Ex ib mb tc sb IIIB T130°C Dc		Ex db ec ib mb II B T4 Gc;	
适用场所 Applicable place		1区、2区、22区 Zone 1, zone 2, zone 22		1区、2区、22区 Zone 1, zone 2, zone 22		2区 Zone 2	
动力形式 Dynamic form		电动Electric motor					
操作方式 Operating type		步驾式Walkie					
额定起重量 Load capacity	kg	1600					
载荷中心距 Load center	mm	600					
轴距 Wheel base	mm	1325	1375	1325	1375	1325	1375
轮胎类型 Wheels type		PU					
轮胎数量, 驱动轮/平衡轮/承重轮 Number of tires, drive wheel/balance wheel/load bearing wheel		1/2/4					
门架类型 Mast type		两级标准Two-stage standard (CDD16-D930)	三级全自由Three levels full freedom (CDD16-950)	两级标准Two-stage standard (CDD16-D930)	三级全自由Three levels full freedom (CDD16-950)	两级标准Two-stage standard (CDD16-D930)	三级全自由Three levels full freedom (CDD16-950)
标准门架起升高度 Standard mast lifting height	mm	1400/2000/2500/3000/ 3300/3600	3700/3900	1400/2000/2500/ 3000/3300/3600	3700/3900	1400/2000/2500/3000/ 3300/3600	3700/3900
门架作业时整车最大高度 Maximum height of the vehicle during mast operation	mm	1900/2500/3000/3500/ 3800/4100	4200/4400	1900/2500/3000/ 3500/3800/4100	4200/4400	1900/2500/3000/3500/ 3800/4100	4200/4400
门架缩回时整车静态高度 Static height of the vehicle when the mast retracted	mm	1185/1535/1765/1980/ 2135/2335	1800/1900	1185/1535/1765/ 1980/2135/2335	1800/1900	1185/1535/1765/1980/ 2135/2335	1800/1900
自由提升高度 Free lifting height	mm	—	1335/1448	—	1335/1448	—	1335/1448
整车全长(踏板收起/放下) Full length (pedal up/down)	mm	2050/2470	2105/2525	2050/2470	2105/2525	2050/2470	2105/2525
车体宽度 Body width	mm	900					
护顶架高度 Overhead guard height	mm	2220					
货叉最低高度 Minimum fork height	mm	95					
货叉尺寸, 长度/宽度/厚度 Fork size, length/width/thickness	mm	1150×191×58/1220×191×58					
货叉外侧间距 Outer distance of fork	mm	559/609/659/694					
最小离地间隙 Minimum ground clearance	mm	30					
最小转弯半径(踏板放下) Minimum turning radius (pedal down)	mm	2070					
行驶速度, 满载/空载 Travel speed, full load/no load	km/h	5/5					
起升速度, 满载/空载 Lifting speed, full load/no load	mm/s	120/180		75/180		75/170	
最大爬坡能力, 满载/空载 Maximum climbing capacity, full load/no load	%	4/6					
制动方式 Braking mode		电磁Electric					
驱动电机功率 Drive motor power	kW	AC2		AC 1.5		AC1.5	
起升电机功率 Lifting motor power	kW	AC 3.5		DC 3		DC3	
转向电机功率 Steering motor power	kW	DC 0.15		DC 0.15		DC0.3	
电池 Battery		锂电池Lithium battery		铅酸电池Lead acid battery		铅酸电池Lead acid battery	
蓄电池电压/容量 Battery voltage/capacity	V/Ah	48/100		24/275		24/280	
自重(含蓄电池) Dead weight (including battery)	kg	1500		1680		1940	

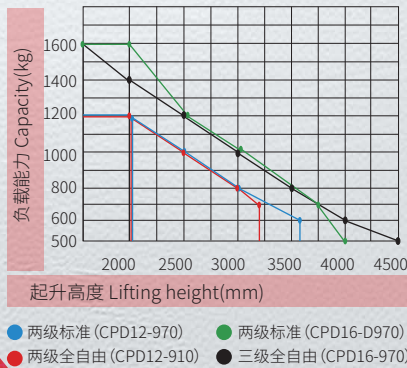
产品特点
Product characteristics

- 助力转向 Power steering: 电子助力转向, 轻便、静音。 Electronic power steering, light and quie
- 交流驱动电机 Ac drive motor: 交流驱动电机, 无碳刷, 免维护。 Ac drive motor, no carbon brush, maintenance free
- 充电便捷 Convenient charging: 随用随充: 国标充电枪充电, 方便快捷。 [锂电款] With charge: national standard charging gun charging, convenient and fast. [Lithium battery model]
- 身份识别 Identity identification: 身份识别系统, 采用ID卡与指纹识别。 Identification system, using ID card and fingerprint recognition
- 防爆性能 Explosion-proof property: 本安加速器与传感器, 提高整车防爆性能。 Intrinsic safety accelerator and sensor, improve the explosion-proof performance of the vehicle.
- 电池快换 Battery quick change: 防爆插销、连接器与防爆开关的配合使用, 实现了锂电池快换功能。 The explosion-proof latch, connector and explosion-proof switch are used together to realize the lithium battery quick change function.
- 安全可靠 Safe and reliable: 转弯自动减速功能、紧急反向装置、控制器多重保护装置, 安全可靠。 Turn automatic deceleration function, emergency reverse device, controller multiple protection device, safe and reliable.
- 自动补偿 Automatic compensation: 驱动轮摩擦力自动补偿系统, 解决车辆重载状态下驱动轮打滑的行业难题。 Drive wheel friction automatic compensation system to solve the industry problem of driving wheel slip under heavy load.

技术参数Technical parameter

特性 Feature	单位 Unit						
型号 Model		CPD					
配置号 Configuration number		12FB-A2LiB7	16FB-A2LiB7	12FB-A2RB7	16FB-A2RB7	12FB-A2RB2	16FB-A2RB2
名称 Name		防爆蓄电池平衡重式叉车 (锂电款) Explosion-proof battery counterweight forklift truck (lithium battery)		防爆蓄电池平衡重式叉车 Explosion-proof battery counterweight forklift truck		防爆蓄电池平衡重式叉车 Explosion-proof battery counterweight forklift truck	
防爆标志 Explosion-proof sign		Ex db eb ib mb II B T4 Gb; Ex ib mb tc IIIB T135°C Dc		Ex db eb ib mb sb II B T4 Gb; Ex ib mb sb tc IIIB T135°C Dc		Ex db ec ib mb II B T4 Gc	
适用场所 Applicable place		1区、2区、22区 Zone 1, zone 2, zone 22		1区、2区、22区 Zone 1, zone 2, zone 22		2区 Zone 2	
动力形式 Dynamic form		电动Electric motor					
操作方式 Operating type		步驾式Walkie					
额定起重量 Load capacity	kg	1200	1600	1200	1600	1200	1600
载荷中心距 Load center	mm	500					
轴距 Wheel base	mm	1179	1529	1179	1529	1179	1529
轮胎类型 Wheels type		PU					
轮胎数量, 驱动轮/平衡轮/承重轮 Number of tires, drive wheel/balance wheel/load bearing wheel		1/0/2					
门架类型 Mast type		两级标准 (CPD12-970)	两级全自由 (CPD12-910)	两级标准 (CPD16-D970)	三级全自由 (CPD16-970)	两级标准 (CPD12-970)	三级全自由 (CPD16-970)
标准门架起升高度 Standard mast lifting height	mm	1400/2000/2500/ 3000/3300/3600	2500/3000/3300	1400/2000/2500/3000/ 3300/3600/4000	3700/3900/4200/4500	1400/2000/2500/ 3000/3300/3600	2500/3000/3300/ 3300/3600/4000
门架作业时整车最大高度 Maximum height of the vehicle during mast operation	mm	2500/3100/3600/ 4100/4400/4700	3150/3650/3900	2500/3100/3600/4100/ 4400/4700/5100	4550/4650/5150	2500/3100/3600/ 4100/4400/4700	3150/3650/3900/ 4400/4700/5100
门架缩回时整车静态高度 Static height of the vehicle when the mast retracted	mm	1230/1580/1780/ 2030/2130/2300	1830/2080/2180	1230/1580/1780/2030/ 2130/2300/2545	1817/1917/2002/2102	1230/1580/1780/ 2030/2130/2300	1830/2080/2180/ 2130/2300/2545
自由提升高度 Free lifting height	mm	—	—	—	1335/1448/1520/1620	—	1335/1448/1520/1620
全长不含货叉(踏板收起/放下) Full length (pedal up/down)	mm	1545/1975		1900/2325		1900/2325	
总高 Total height	mm	2132					
车体宽度 Body width	mm	1021					
货叉最低高度 Minimum fork height	mm	64					
货叉尺寸, 长度/宽度/厚度 Fork size, length/width/thickness	mm	1070×106×43/1200×106×43					
货叉外侧间距 Outer distance of fork	mm	212-672					
最小离地间隙 Minimum ground clearance	mm	80					
最小转弯半径, 踏板收起/放下 Minimum turning radius, pedal up/down	mm	1352/1852	1808/2200	1352/1852	1808/2200	1352/1852	1808/2200
行驶速度, 满载/空载 Travel speed, full load/no load	km/h	5.5/5.5		5/5		5/5	
起升速度, 满载/空载 Lifting speed, full load/no load	mm/s	120/170		96/170		96/170	
最大爬坡能力, 满载/空载 Maximum climbing capacity, full load/no load	%	4/6					
制动方式 Braking mode		电磁Electric					
驱动电机功率 Drive motor power	kW	AC 2		AC 1.5		AC 1.5	
起升电机功率 Lifting motor power	kW	AC 3.5		DC 3		DC 3	
转向电机功率 Steering motor power	kW	DC 0.3		DC 0.3		DC 0.3	
电池 Battery		锂电池Lithium battery		铅酸电池Lead acid battery		铅酸电池Lead acid battery	
蓄电池电压/容量 Battery voltage/capacity	V/Ah	48/100		24/275		24/280	
自重(含蓄电池) Dead weight (including battery)	kg	1920	2020	1800	1900	2000	2100

载荷曲线图
Load curve chart



CPD12/16FB-A2LiB7/A2RB7/A2RB2

防爆蓄电池平衡重式叉车
Explosion-proof battery Counterweight forklift truck