



1.0-3.5t

KUNPENG SERIES ELECTRIC COUNTERWEIGHT FORKLIFT TRUCK (STANDARD TYPE)



 **徐州徐工特种工程机械有限公司**
XCMG Special Construction Machinery Co., Ltd.



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CAMC VIAL

DIRECCION: RUTA 40, CALLE 7 - SAN JUAN, ARGENTINA

TEL: +54 - 2644998650

EMAIL: info@camcvial.com.ar

SITE: http://www.camcvial.com.ar



徐工叉车官网
XCMG forklift
official website



叉装之王微商城
"King of Forklift/Loader"
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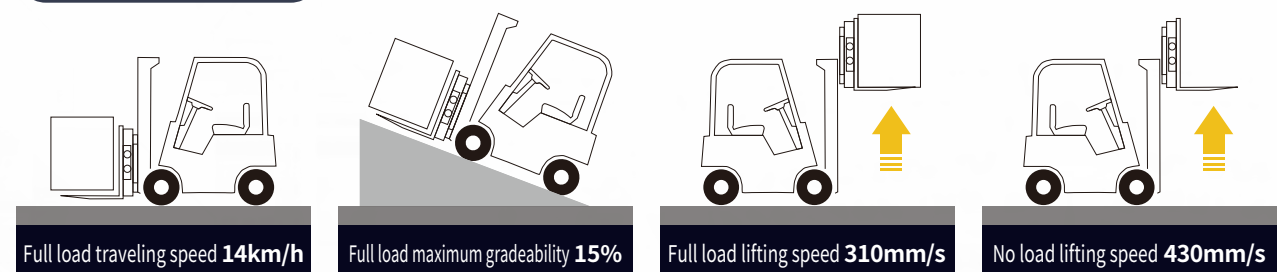
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Relying on XCMG's own core technologies and parts and components, and practicing the gold standard of "leading technology and indestructible", XCMG Kunpeng series electric counterweight forklift trucks are middle and high-end products with strong competitiveness.

PRACTICAL, COMFORTABLE AND CONVENIENT

· High efficiency

Kunpeng single-drive S-type with high comprehensive performance.



Note: The display data is for XCB30-L6-S model, other data are detailed in the Technical Parameter Table.

· Unlimited endurance

Kunlun S-type battery can be quickly removed from below with a forklift, which is convenient for multi-shift operations and working conditions where charging is not allowed in the factory.



· Convenient maintenance

The base plate pad and counterweight cover are easy to remove, and the main maintenance parts are located in obvious positions at the front and rear.



· Strong applicability

PES three-gear mode switching can meet the needs of different speeds and different accelerations of customers.

P	Powerful
E	Economical
S	Safe

· Ergonomics

Door frame with wide view, is transparent and wide, with small blind area; USB interface, water cup holder and cell phone holder are thoughtful and practical; wide foot space, sufficient head space make the driving easy and comfortable.



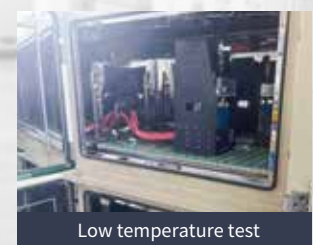
STABLE, RELIABLE AND DURABLE

· Important parts and components have been tested in the market for a long time

Drive axle, steering axle and door frame have a large market maintenance and are reliable and durable.

· Lithium batteries are verified by strict tests

Protection level $\geq$ IP67, with good protective properties; the use of active equalization BMS technology can effectively reduce the battery pressure difference, improve the consistency of the battery, and significantly improve the service life of the battery.



Strong adaptability of the whole vehicle environment

The whole vehicle passes all the strict tests to meet the different use needs of customers.



Two-level door frame load capacity: 1t, 1.5t, 1.8t, 2t, 2.5t, 3t, 3.5t									
Door frame model	Maximum lifting height(mm)	Front wheel type	The whole vehicle load capacity (kg) (at 500 load center)						
			1t	1.5t	1.8t	2t	2.5t	3t	3.5t
M200/F200	2000	Standard	1000	1500	1800	2000	2500	3000	3500
M250/F250	2500	Standard	1000	1500	1800	2000	2500	3000	3500
M300/F300	3000	Standard	1000	1500	1800	2000	2500	3000	3500
M330/F330	3300	Standard	1000	1500	1800	2000	2500	3000	3500
M350/F350	3500	Standard	1000	1500	1800	2000	2500	3000	3500
M370/F370	3700	Standard	1000	1500	1800	2000	2500	3000	3500
M400/F400	4000	Standard	1000	1400	1700	1900	2400	2900	3400
		Wide tire	1000	1500	1800	2000	2500	3000	3500
		Double tire	1000	1500	1800	2000	2500	3000	3500
M425	4250	Standard	950	1400	1700	1850	2350	2750	3200
		Wide tire	950	1400	1700	1850	2350	2800	3300
		Double tire	950	1400	1700	1900	2400	2800	3300
M450	4500	Standard	900	1350	1550	1800	2200	2650	3050
		Wide tire	900	1350	1650	1850	2300	2750	3100
		Double tire	950	1350	1650	1850	2300	2750	3250
M500	5000	Standard	750	1100	1300	1700	2000	2300	2750
		Wide tire	800	1150	1400	1750	2050	2400	2750
		Double tire	850	1200	1500	1750	2100	2700	2800
M550	5500	Standard	700	900	1000	1350	1400	2150	2250
		Wide tire	750	1000	1200	1500	1700	2300	2400
		Double tire	800	1150	1450	1600	2050	2550	2600
M600	6000	Standard	600	700	800	950	1050	1400	1550
		Wide tire	700	800	1000	1200	1300	1600	1800
		Double tire	750	1100	1350	1500	1700	2100	2300

- 1t-1.8t: When choosing wide tires, the outer width of the fender is widened by 120mm; when choosing double tires, the outer width of the fender is widened by 400mm.
- 2.0t-2.5t: When choosing wide tires, the outer width of the fender is widened by 80mm; when choosing double tires, the outer width of the fender is widened by 350mm.
- 3.0t-3.5t: When choosing wide tires, the outer width of the fender is widened by 140mm; when choosing double tires, the outer width of the fender is widened by 500mm.

Three-level door frame load capacity: 1t, 1.5t, 1.8t, 2t, 2.5t, 3t, 3.5t										
Door frame model	Maximum lifting height(mm)	Front wheel type	The whole vehicle load capacity (kg) (at 500 load center)							
			1t	1.5t	1.8t	2t	2.5t	3t	3.5t	
T360	3600	Standard	1000	1500	1800	2000	2500	3000	3500	
		Wide tire	1000	1500	1800	2000	2500	3000	3500	
T400	4000	Standard	1000	1500	1800	2000	2500	3000	3500	
		Wide tire	1000	1500	1800	2000	2500	3000	3500	
T435	4350	Standard	950	1350	1600	1800	2300	2750	3100	
		Wide tire	950	1400	1700	1850	2350	2800	3250	
T450	4500	Standard	900	1350	1550	1750	2200	2600	2950	
		Wide tire	900	1350	1650	1800	2250	2700	3050	
T470	4700	Standard	900	1300	1500	1700	2100	2550	2800	
		Wide tire	900	1350	1550	1750	2150	2650	2800	
T480	4800	Standard	900	1250	1450	1700	2100	2500	2800	
		Wide tire	900	1300	1500	1700	2100	2600	2800	
T500	5000	Standard	850	1100	1300	1600	2000	2300	2700	
		Wide tire	800	1150	1400	1650	2050	2400	2750	
T540	5400	Standard	700	9000	1000	1350	1400	2150	2250	
		Wide tire	750	1000	1200	1500	1700	2300	2400	
T600	6000	Standard	600	700	800	900	1000	1400	1550	
		Wide tire	700	800	1000	1200	1300	1600	1800	
T650	6500	Standard	750	1100	1350	1500	1700	2100	2300	
		Wide tire	—	—	—	600	700	1150	1200	
T700	7000	Standard	—	—	—	1350	1550	1900	2100	
		Wide tire	—	—	—	200	300	750	900	
T750	7500	Standard	—	—	—	500	600	900	1100	
		Wide tire	—	—	—	1050	1200	1700	1900	

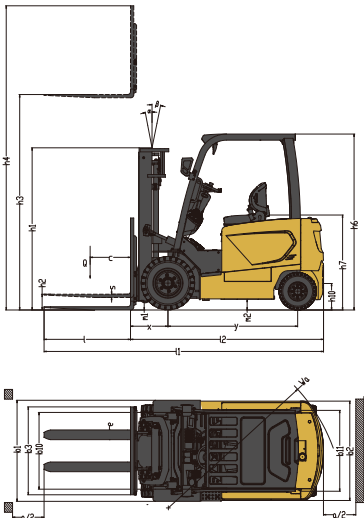
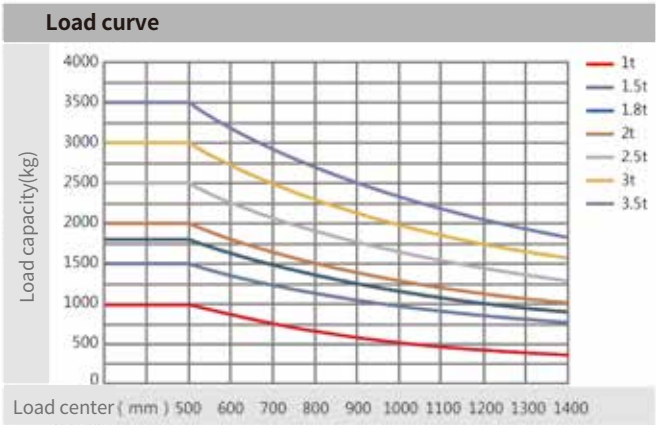
Wide view basic type door frame: 1t, 1.5t, 1.8t, 2t, 2.5t, 3t, 3.5t											
Door frame model	Maximum lifting height(mm)	Full height of door frame (forks on the ground, door frame vertical) (mm)				Free lifting height (with load backrest) (mm)				Door frame inclination angle α/β (°)	
		1t-1.8t	2t-2.5t	3t	3.5t	1t-1.8t	2t-2.5t	3t	3.5t	1t-1.8t	2-3.5t
M200	2000	1495	1500	1570	1620	155	150	155	160	6/10	6/12
M250	2500	1745	1750	1820	1870	155	150	155	160	6/10	6/12
M300	3000	1995	2000	2070	2120	155	150	155	160	6/10	6/12
M330	3300	2145	2150	2220	2270	155	150	155	160	6/10	6/12
M350	3500	2245	2250	2320	2370	155	150	155	160	6/10	6/12
M370	3700	2345	2350	2420	2470	155	150	155	160	6/6	6/6
M400	4000	2545	2550	2620	2670	155	150	155	160	6/6	6/6
M425	4250	2670	2675	2745	2795	155	150	155	160	6/6	6/6
M450	4500	2795	2800	2870	2920	155	150	155	160	6/6	6/6
M500	5000	3045	3050	3120	3170	155	150	155	160	6/6	6/6
M550	5500	3345	3350	3420	3470	155	150	155	160	3/6	3/6
M600	6000	3595	3600	3670	3720	155	150	155	160	3/6	3/6

Wide view two-level full free door frame: 1t, 1.5t, 1.8t, 2t, 2.5t, 3t, 3.5t											
Door frame model	Maximum lifting height(mm)	Full height of door frame (forks on the ground, door frame vertical) (mm)				Free lifting height (with load backrest) (mm)				Door frame inclination angle α/β (°)	
		1t-1.8t	2t-2.5t	3t	3.5t	1t-1.8t	2t-2.5t	3t	3.5t	1t-1.8t	2-3.5t
F200	2000	1495	1500	1570	1620	448	496	388	443	6/10	6/12
F250	2500	1745	1750	1820	1870	698	746	638	693	6/10	6/12
F300	3000	1995	2000	2070	2120	948	996	888	943	6/10	6/12
F330	3300	2145	2150	2220	2270	1098	1146	1038	1093	6/10	6/12
F350	3500	2245	2250	2320	2370	1198	1246	1138	1193	6/10	6/12
F370	3700	2345	2350	2420	2470	1298	1346	1238	1293	6/6	6/6
F400	4000	2545	2550	2620	2670	1498	1546	1438	1493	6/6	6/6

1t-1.8t: When without load backrest, the free lifting height increases by 379mm; 2.0t-2.5t: When without load backrest, the free lifting height increases by 376mm; 3.0t: When without load backrest, the free lifting height increases by 485mm; 3.5t: When without load backrest, the free lifting height increases by 435mm.

Wide vision three-level full free door frame: 1t, 1.5t, 1.8t, 2t, 2.5t, 3t, 3.5t											
Door frame model	Maximum lifting height(mm)	Full height of door frame (forks on the ground, door frame vertical) (mm)				Free lifting height (with load backrest) (mm)				Door frame inclination angle α/β (°)	
		1t-1.8t	2t-2.5t	3t	3.5t	1t-1.8t	2t-2.5t	3t	3.5t	1t-1.8t	2-3.5t
T360	3600	1790	1800	1870	1870	743	796	688	693	6/6	6/6
T400	4000	1925	1950	2020	2020	873	946	838	843	6/6	6/6
T435	4350	2040	2050	2120	2120	993	1046	938	943	6/6	6/6
T450	4500	2090	2100	2170	2170	1043	1096	988	993	6/6	6/6
T470	4700	2160	2160	2230	2230	1103	1160	1048	1053	6/6	6/6
T480	4800	2190	2210	2270	2270	1143	1206	1088	1093	6/6	6/6
T500	5000	2290	2300	2370	2370	1243	1296	1188	1193	3/6	6/6
T540	5400	2415	2400	2470	2470	1363	1396	1288	1293	3/6	3/6
T600	6000	2640	2600	2670	2670	1553	1596	1488	1493	6/6	3/6
T650	6500	—	2800	2870	2870	—	1796	1688	1693	—	3/3
T700	7000	—	2975	3045	3045	—	1971	1863	1868	—	3/3
T750	7500	—	3150	3370	3370	—	2146	2188	2193	—	3/3

1t-1.8t: When without load backrest, the free lifting height increases by 480mm 2.0t-2.5t: When without load backrest, the free lifting height increases by 356mm 3.0t-3.5t: When without load backrest, the free lifting height increases by 435mm



Technical parameters										
Characteristics	1.1	Manufacturer		XCMG						
	1.2	Model		XCB10	XCB15	XCB18	XCB20	XCB25	XCB30	XCB35
	1.2a	Configuration number		L6-S						
	1.3	Power type		Lithium battery						
	1.4	Operation mode		Seat-type						
	1.5	Rated lifting capacity	Q(kg)	1000	1500	1800	2000	2500	3000	3500
	1.6	Load center distance	c(mm)	500	500	500	500	500	500	500
	1.8	Front overhang	x(mm)	408	408	408	460	460	477	482
	1.9	Axle base	y(mm)	1440	1440	1440	1606	1606	1750	1780
Weight	2.1	Deadweight (with battery)	(kg)	2650	2800	2900	3670	3920	4500	5000
	2.2	Full axle load Front/Rear	(kg)	2890/760	3720/580	4205/495	5030/640	5760/660	6695/805	7665/835
	2.3	No axle load Front/Rear	(kg)	1260/1390	1280/1520	1270/1630	1840/1830	1770/2150	2020/2480	2235/2765
Wheel	3.1	Tire type Front/Rear		Pneumatic tire/Pneumatic tire					Pneumatic tire/Solid tire	
	3.2	Tire size, front		6.50-10-12PR	6.50-10-12PR	6.50-10-12PR	7.00-12-14PR	7.00-12-14PR	28×9-15-14PR	28×9-15-14PR
	3.3	Tire size, rear		16×6-8-16PR	16×6-8-16PR	16×6-8-16PR	18×7-8-14PR	18×7-8-14PR	18×7-8	200/50-10
	3.5	Number of wheels, front/rear (x=drive wheel)		2x/2						
	3.6	Wheel base, front	b10(mm)	930	930	930	970	970	1006	1006
	3.7	Wheel base, rear	b11(mm)	910	910	910	970	970	986	970
Size	4.1	Door frame inclination angle, front/rear	a/b(°)	6/10	6/10	6/10	6/12	6/12	6/12	6/12
	4.2	Door frame retraction height	h1(mm)	1995	1995	1995	2000	2000	2070	2120
	4.3	Free lifting height	h2(mm)	155	155	155	150	150	155	160
	4.4	Lifting height	h3(mm)	3000						
	4.5	Maximum height of working type (with load backrest)	h4(mm)	4065	4065	4065	4100	4100	4217	4217
	4.7	Height of overhead guard	h6(mm)	2140	2140	2140	2170	2170	2180	2180
	4.8	Seat SIP point height, to floor	h7(mm)	1150	1150	1150	1194	1194	1204	1204
	4.12	Traction pin height	h10(mm)	245	245	245	328	328	332	332
	4.19	Overall length (with forks)	l1(mm)	3105	3105	3105	3455	3455	3615	3650
	4.20	Overall length (without forks)	l2(mm)	2185	2185	2185	2385	2385	2545	2580
	4.21	Overall width	b1(mm)	1120	1120	1120	1250	1250	1250	1250
	4.22	Fork size (Thickness/width/length)	s/e/l(mm)	35/100/920	35/100/920	35/100/920	40/120/1070	40/120/1070	45/122/1070	50/122/1070
	4.23	Fork arm carrier, ISO2328		2A	2A	2A	2A	2A	3A	3A
	4.24	Fork arm carrier width	b3(mm)	970	970	970	1040	1040	1148	1148
	4.31	Ground clearance at door frame, full load	m1(mm)	110					130	
	4.32	Ground clearance at axle base center, full load	m2(mm)	120	120	120	130	130	135	135
	4.33	Right-angle stacking aisle width,Pallet 1000×1200 Cross fork for placement	Ast(mm)	3510	3510	3510	3730	3730	3897	3932
4.34	Right-angle stacking aisle width,Pallet 800×1200 Along fork for placement	Ast(mm)	3708	3708	3708	3930	3930	4097	4132	
4.35	Outside turning radius	Wa	1900	1900	1900	2070	2070	2220	2250	
Performance	5.1	Ravel speed, full load/no load	(km/h)	14/14						
	5.2	Lifting speed, full load/no load	(m/s)	0.33/0.43	0.31/0.43	0.29/0.43	0.31/0.43	0.29/0.43	0.31/0.43	0.29/0.43
	5.3	Lowering speed, full load/no load	(m/s)	0.4/0.4	0.4/0.4	0.4/0.4	0.45/0.5	0.45/0.5	0.47/0.5	0.47/0.5
	5.6	Maximum traction, full load	(N)	7000	8000	9000	11000	12000	14000	16000
	5.8	Maximum climbing capacity, full load/no load	(%)	15/20						
	5.9	Acceleration time (10 meters), full load/no load	(s)	6.2/5.8						
	5.10	Service brake/parking brake		Hydraulic/Mechanical						
Drive	6.1	Traction motor power, S2-60min Operating system	(kW)	8	8	8	10	10	12	12
	6.2	Lifting motor power, S3-15% Operating system	(kW)	10	10	10	11.5	11.5	16	16
	6.4	Battery capacity	(V/Ah)	80/150	80/150	80/150	80/206	80/206	80/206	80/206
	6.5	Battery weight (±5%)	(kg)	245	245	245	260	260	260	260
Other	8.1	Controller type		MOS tube/AC						
	8.2	Attachment operating pressure	(MPa)	14.5	14.5	17.5	14.5	17.5	17.5	17.5

With the advancement of technology, the product structure, parameters, etc. will be continuously improved without prior notice.
If the sample information is slightly different from the real thing, the real thing shall prevail.

Charger		Vehicle-mounted charger		External charger	
Charger model		80V35A	80V60A	80V100A	80V200A
Applicable battery type		80V Lithium battery	80V Lithium battery	80V Lithium battery	80V Lithium battery
Wiring mode		Single-phase (L、N、PE)	Three-phase four-wire system (L1、L2、L3、PE)	Three-phase four-wire system (L1、L2、L3、PE)	Three-phase four-wire system (L1、L2、L3、PE)
Charger power	KW	≤2.95	≤6.6	≤8.7	≤17.5
Upper power supply air switch type	A	16	16	32	63
Input voltage range	Vac	200-240	380±15%	380±15%	380±15%
Input current	A	< 16A	< 15A	< 25A	< 50A
Output current	A	≤35A	< 70A	100A	200A
Protection class		(Indoor use)	(Indoor use)	(Indoor use)	(Indoor use)
Operating environment temperature	℃	—20—+65	—20—+45	—20—+45	—20—+45
Power plug		16A National standard three-pin plug	25A National standard four-pin plug	National standard charging gun	National standard charging gun
Charger		Theoretical time to fully charge after discharging the battery=Lithium battery capacity *0.9/Charging current+10minutes (Trickle equalization charging time) Model: Lithium battery capacity 80V/150AH, Select 35A charger,the charging current is 35A, then the full charge time is 150AH*0.9/35A+10 minutes=4 hours and 1 minute			

Kunpeng S-type lithium battery						
Voltage/Capacity	80V150AH	80V175AH	80V206AH	80V230AH	80V280AH	80V350AH
1t-1.5t-1.8t	●	○	○	○	○	—
2.0t-2.5t	○	○	●	○	○	○
3.0t-3.5t	—	—	●	○	○	○

Note: ● is standard configuration, ○ is optional configuration

Kunpeng S-type lithium battery, the standard configuration of 80V150AH is 80V35A vehicle-mounted charger, the standard configuration of 80V206AH-280AH is 80V60A vehicle-mounted charger. External 100A or 200A charger is also available.
Kunpeng S-type 1-1.8t vehicle model vehicle-mounted charger is limited to 80V35A, and 2-3.5t vehicle model can only be equipped with batteries below the standard configuration for light conditions. For a wider range of battery capacities, please consult the manufacturer.

Basic function options	
Pneumatic tire ⁽¹⁾	★
Wide front tire	☆
Double front tire	☆
Eco-friendly solid tire	☆
Normal solid tire	☆
M300 door frame	★
Other door frame ⁽²⁾	☆
Standard fork ⁽³⁾	★
Non-standard fork	☆
Forklift attachment	☆
Charger ⁽⁴⁾	★

Hydraulic function options	
Two multitandem valve	★
Triple multitandem valve	☆
Quadruple multitandem valve	☆
Metric thread hydraulic system	★

Comfortable function options	
End cushioning function of door frame lowering	★
End cushioning function of door frame raising	☆
Electric fan	☆
Rear armrest (with horn button)	☆
Steering wheel triggering steering function	☆
Synchronized steering function	☆
Automatic deceleration function for turning	☆

Cab & Windshield options	
Patch cab (with fan + wiper)	☆
Patch cab + cooling air conditioner	☆
Patch cab + fan heater	☆
Patch cab + cooling air conditioner + fan heater	☆
Front windshield (with wiper)	☆
Rear windshield	☆
Top windshield	☆

Safety function options	
OPS function (without descending OPS)	★
Full OPS function (with descending OPS)	☆
Multitandem valve with overload protection function	☆
Wrap-around seat (with seat switch)	★
Wrap-around seat (with seat switch + safety belt lock)	☆
Wrap-around shock-absorbing seat (with seat switch)	☆
Wrap-around shock-absorbing seat (with seat switch + safety belt lock)	☆
LED flashing warning light	☆
LED rotating warning light	☆
LED rotating buzzer warning light	☆
Blue spotlight / Red spotlight	☆
Blue bar position light / Red bar position light	☆
Reversing radar	☆
Reversing video (with radar)	☆
Reversing voice cue horn	☆
Center rearview mirror	★
Left and right rearview mirrors	☆
Left and right rearview mirrors + Center rearview mirror	☆
1kg fire extinguisher (dry powder)	☆
2kg fire extinguisher (dry powder/carbon dioxide)	☆
3kg/4kg fire extinguisher (dry powder/carbon dioxide)	☆
Overspeed alarm (8km/h or 10km/h)	☆

Other options	
Non-universal key	★
Universal key	☆
USB interface	★
Overhead guard (70mm higher)	☆
Overhead guard (with front protection net)	☆
XCMG Vehicle Network ⁽⁵⁾	☆
Tilt cylinder jacket	☆
Steering cylinder jacket	☆

Note: ★ is standard configuration, ☆ is optional configuration

(1)Front and rear tires of 1-2.5 tons vehicle models are pneumatic tires; front tires of 3-3.5 tons vehicle models are pneumatic tires and rear tires are solid tires ;
(2)For other door frame information, please refer to the door frame information table;
(3) For standard fork specifications, please refer to the technical parameters table;
(4)For charger specification model information, please refer to the charger information table;
(5)XCMG's Vehicle Network is available in China.