



SY412C-8LBEV ELECTRIC TRUCK MIXER



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Official Website:
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Technical specifications 技术参数

Model 型号		SY412C-8LBEV
Rudder direction	左右舵	左舵 Left
Curb weight (kg)	整备质量 (kg)	15800
Full load weight (kg)	最大允许总质量 (kg)	31000
Dimension (L × W × H) (mm)	整车尺寸 (长 × 宽 × 高) (mm)	10630 × 2530 × 3980
Wheel base(mm)	轴距 (mm)	1900+3450+1350
Min. ground clearance(mm)	最小离地间隙 (mm)	≥ 250
Min. turning diameter(m)	最小转弯直径 (m)	≤ 22
Gradient (%)	爬坡度 (%)	≥ 30%
Energy consumption(kWh/100km)	百公里电耗 (kWh/100km)	≤ 150
EV Endurance Mileage (working condition method,km)	续航里程 (标载, 综合工况) (km)	200
Drive motor type	驱动电机型式	永磁同步、水冷 Permanent magnet synchronous motor Water cooling
Drive motor model	驱动电机型号	TZ460XS-SYM2402
Rated voltage (V)	额定电压 (V)	579.6
Rated power / rev speed/ torque (kW/rpm/N.m)	额定功率 / 转速 / 转矩 (kW/rpm/N.m)	270/2242/1150
Peak power / rev speed / tTorque (kW/rpm/N.m)	峰值功率 / 转速 / 转矩 (kW/rpm/N.m)	405/3000/2400
Gear-box type	变速箱型式	AMT 手自一体
Gear-box model	变速箱型号	J4S245
Gear ratio	各档速比	8.43/3.90/1.98/1.00
Power battery type	电池型式	磷酸铁锂电池 LFP battery
Total energy storage (kWh)	总储电量 (kWh)	350.08
Charging mode	补能方式	双枪直流快充 Double Gun DC Charging
Charging standard	充电标准	国标 China Standard
Charging power (kW)	充电功率 (kW)	300
Charging time (min)	补能时间 (min)	90
High voltage controller	高压控制器	汇川五合一 Inovance 5 in 1
Front axle	前桥	2 × 6.5T
Middle, rear axle	中、后桥	2 × 16T
Cab	驾驶室	三一 CB329 驾驶室 Sany Cab CB329
Tyre	轮胎	12R22.5
Brake type	制动型式	气压双回路鼓式制动 Pneumatic dual-circuit drum brake
Brake system	制动模式	ABS+ASR

整车参数
Overall parameters

底盘配置
Chassis

Mixing capacity (m ³)	搅动容量 (m ³)	12
Feeding speed (m ³ /min)	进料速度 (m ³ /min)	≥ 8
Discharge speed (m ³ /min)	出料速度 (m ³ /min)	≥ 5
Discharge residual rate	出料残余率	≤ 0.5%
Water tank capacity (L)	水箱容积 (L)	400
Water pressure (Mpa)	供水工作压力 (Mpa)	0.35-0.38
Reduction gear	减速机	PE75/CMRE160-460
Operating handle	操作手柄	电控 Electric Control
Controller	控制器	英威腾 INVT
Drive motor type	驱动电机型号	EV500/TZ180XS80KS01
Combined instrument	仪表	7 吋全液晶 7-inch All-LCD
Multimedia System	多媒体	12.1 吋中控屏 12.1-inch Display
Rootcloud	树根互联	●
Driving recorder	行车记录仪	●
Energy recovery	能量回收调节	●
Driving behavior monitoring	驾驶行为监测	●
Overspeed protection	车速超限保护	●
Torque zero-crossing protection	扭矩过零保护	●
Intelligent replenishment	智能补电	●
E/P mode	E/P 模式切换	●
Rear view mirror defrosting	后视镜除霜	●
Around View Monitor(AVM)	360 全景环视	●
Blind Spot Detection(BSD)	BSD 盲区监测	●
Rear view camera	倒车影像	●

上装参数
Drum

智能化配置
Intelligent Config.

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The product configuration (including technical parameters) is subject to change and the delivered actual machine without notice.

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