



明星产品 PX105HD  
STAR PRODUCT PX105HD

> 优势亮点：

◎ 发动机 + 飞轮集成式电机组合

Engine and flywheel integrated motor

◎ 燃油发电效率高达 4.17KWh/L，

相对于独立发电机节油 19% 以上

Power generation efficiency up to 4.17KWh/L by fuel,

saving over 19% compared to stand-alone generator

◎ 搭配 422KWh 动力电池，综合电量达到 1200 度

Equipped with 422KWh power battery,

comprehensive power can reach 1200 degrees

| 车型 Model       |                                      | PX105HD                                                                                                                                  |
|----------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 尺寸 Size        | 外形尺寸 (mm)<br>Overall dimension       | 9800 × 3670 × 4380                                                                                                                       |
|                | 轴距 (mm)<br>Wheel base                | 4200+1750                                                                                                                                |
|                | 货箱内尺寸 (mm)<br>Inner dimension of box | 6400 × 3400 × 1850                                                                                                                       |
|                | 平装容积 (m³)<br>Body capacity           | 40                                                                                                                                       |
| 重量 Weight      | 车辆自重 (kg)<br>Curb Weight             | 35000                                                                                                                                    |
|                | 额定载重量 (kg)<br>Rated load             | 68000                                                                                                                                    |
|                | 额定总重量 (kg)<br>Rated total weight     | 105000                                                                                                                                   |
| 性能 Performance | 动力电池 Battery                         | 宁德时代 CATL 423kwh                                                                                                                         |
|                | 增程器 Extender                         | 玉柴 Yucai YC100ZQ-1                                                                                                                       |
|                | 电机 Motor                             | 博雷顿 Breton BRT2A450                                                                                                                      |
|                | 热管理<br>Heat management               | 16KW 平层热管理机组 16KW heat management unit                                                                                                   |
|                | 变速箱<br>Transmission                  | 博雷顿 Breton                                                                                                                               |
|                | 转向机 Steering Engine                  | 全液压转向<br>Full hydraulic                                                                                                                  |
|                | 前 / 后桥 Front/rear axle               | 蓬翔 25T 前桥 / 蓬翔 35T 铸钢双级减速中后桥<br>PX 25T front axle/ PX35T casting dual reduction tandem axle                                              |
|                | 车架 Frame                             | 焊接式刚性车架，450 × 150<br>Welded rigid frame                                                                                                  |
|                | 上装描述<br>Body description             | 高强度底板 16mm 边板 12mm、前举、海沃 Hyva 油缸、方箱<br>High strength plate, bottom 16mm, side 12mm, rear 12mm, front hoisting, Hyva cylinder, square box |
|                | 前中后桥板簧<br>Leaf spring                | 前悬：油气悬挂，后悬：120 × 27 × 18<br>Front: pneumatic, hydraulic, rear: 120 × 27 × 18                                                             |
|                | 最小离地间隙<br>Min ground clearance (mm)  | 380                                                                                                                                      |
|                | 最小转弯半径<br>Min turning radius (m)     | ≤12                                                                                                                                      |
| 轮胎 Tire        | 最大爬坡能力<br>Max gradeability (%)       | 33                                                                                                                                       |
|                | 规格 Specification                     | 16.00R25                                                                                                                                 |