



VE651 ELECTRIC ON 16T GVW

Johnston Sweepers is excited to introduce our first-ever fully electrically powered truck mounted sweeper, VE651, also known as *eVie* (Electric Vehicle Intelligent Electronics). VE651 offers zero emissions, low noise, low maintenance full-size sweeper with a 6 tonne payload, ideal for city sweeping.

PROOF OF CONCEPT VEHICLE

- 3260mm Wheelbase, suited for municipal inner city use
- 600V, Lithium Ion Phosphate (LiFePO4) - proven history and track record with balance between C Rate, number of cycles, and safety of handling & use
- 200kWh useable energy
- On Board Battery Management system monitors & maintains health of all cells without requiring liquid cooling. All cells are constantly monitored for temperature and the load is balanced to maintain even overall battery temperature & health.
- Power usage less than 1kWh/km in an urban cycle
- 5 year battery warranty
- Can be charged via:
 - Cat 2 AC connector from optional 22kW Johnston charging post. Charge time ~10 hours
 - Cat 2 AC connector from common 22kW service station charging point. Charge time ~10 hours
 - Standard 415V AC 3-Phase industrial sockets upto 63amps, max 44kW. Charge time ~5 hours
- 3000 charging cycles
- Hopper & Water capacity same as for V651
- Zero exhaust emissions

To find out more visit:
www.johnstonsweepers.com

ZERO EMISSIONS