



## Introduction

The HLEC-ST-02-A features a quad-motor direct drive with a reduction gear, eliminating the high failure rate associated with gear shifting. It offers fast uphill climbing ability under heavy load, offering high operational efficiency.

## Applications



Widebody  
mining truck

## Technical specifications

Electric motor specifications	
PMSM	PMSM (Permanent magnet synchronize motor)
Rated voltage	600VDC
Peak power	250kW×4
Rated power	150kW×4
Peak torque	1250Nm×4
Rated torque	550Nm×4
Peak speed	12000rpm
Rated speed	2600rpm
IP rating	IP67
Gearbox specifications	
Transmission ratio	3.967
Input torque	5000Nm
Input speed	12000rpm