

Elevator Drive

L1000A

For High Performance Elevator Applications

200V / 400V Class

Power Range: 1.5kW to 110kW



30+ years of experience and application oriented innovation, YASKAWA's L1000A drive incorporates innovative technology and uses special hardware designed for more than 70,000 hours of maintenance free operation. It provides advanced control functions to run Induction and PM (Permanent Magnet) motor applications in geared and gearless elevator systems.

L1000A is known for its simplicity, energy efficiency and robustness.



The L1000A Drive Series is a dedicated drive for elevator applications suitable for both modernization projects and new installations.

- Advanced motor and drive technology for gearless PM motor control
- Features to reduce floor-to-floor times
- Low carrier frequency based current ratings for quiet operation
- Various types of auto-tuning for induction and gearless permanent magnet motors (uncouples/coupled)
- Built-in braking transistor for all models up to 30kW
- Torque compensation at start without load sensor (anti-rollback)
- Simple and efficient brake sequence
- Input voltage sensors for phase loss detection
- De-magnetization protection for PM motor
- New light load function for UPS (Uninterrupted Power Supply)
- Rescue operation function
- ON/OFF and Temperature controlled cooling fan
- Removable multi-function terminal board with parameter back up function



