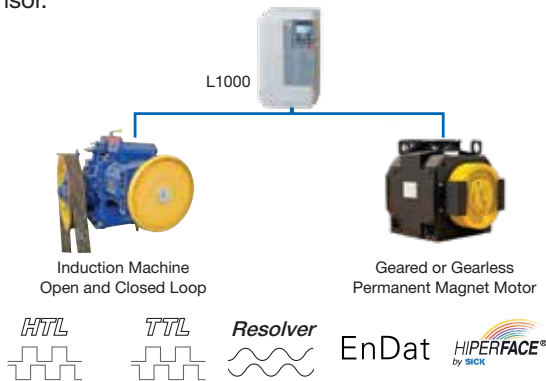


YASKAWA L1000 lift drives are the solution to technical requirements of today's elevators. This inverter controls induction and permanent magnet motors. It is the first choice for new installation, machine room less lifts, but also for modernization. Experience the proven YASKAWA reliability combined with a new level of ride comfort.

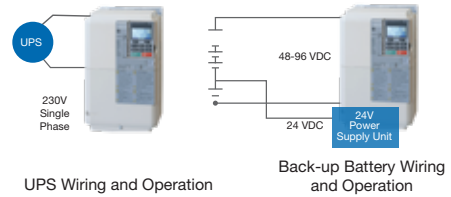
Best Ride Comfort

- Sophisticated vector control algorithm and lift dedicated control functions.
- Precise controls induction and Permanent Magnet (PM) motors.
- Allows usage of inexpensive incremental encoder with Interior PM motor control.
- Bump-free start of gearless machines even without load sensor.



Rescue Operation

- In case of power outage, L1000A can simply be supplied by batteries or an uninterruptable power supply (UPS).
- The drive can automatically evacuate to the light load direction, allowing an optimal selection of the components used without any oversizing.
- Single or three-phase 230 Vac UPS for 400V drives.
- 48-96 Vdc battery for main circuit with 24 Vdc supply of control circuit.



Safety Standard

- Safe Torque Off (STO) function in accordance to EN-ISO13849-1, Cat 3, PL_e; IEC EN 61508 SIL3.

Brake Monitoring

- Available with brake monitoring as part of protection against unintended car movement which replaces external devices and thus, reduces cost and wiring effort.

Setup in Shortest Time

- Motor data are automatically tuned in standstill condition without the need to remove ropes.
- Defaults are set to match the needs of most installations and parameters are shown in multi-language lift terminology and units.

Flexible Controller Interface

- Provides digital/analogue inputs and outputs to connect to almost any lift controller.
- Simplifies setup using pre-settings for most common controllers.
- Supports DCP3, DCP4 and CANopen-Lift.

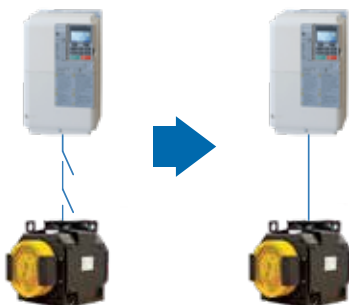


Low Standby Power Consumption

- Making it easier to build lift systems which meet highest energy efficiency requirements.

Operation Without Motor Contactors

- Built-in Safe Torque Off (STO) function.
- Reduces audible noise, cost, space requirements and maintenance effort without compromising in terms of safety.
- Allows operation of lift motors without motor contactors in accordance with EN81-20.



■ Standard Accessories Combination

Well adapted to L1000 drives, YASKAWA supplies various components for compliance with EMC guidelines and tools that simplify installation and handling.

Software



User Interface



Power Options



Drive



Braking Resistors



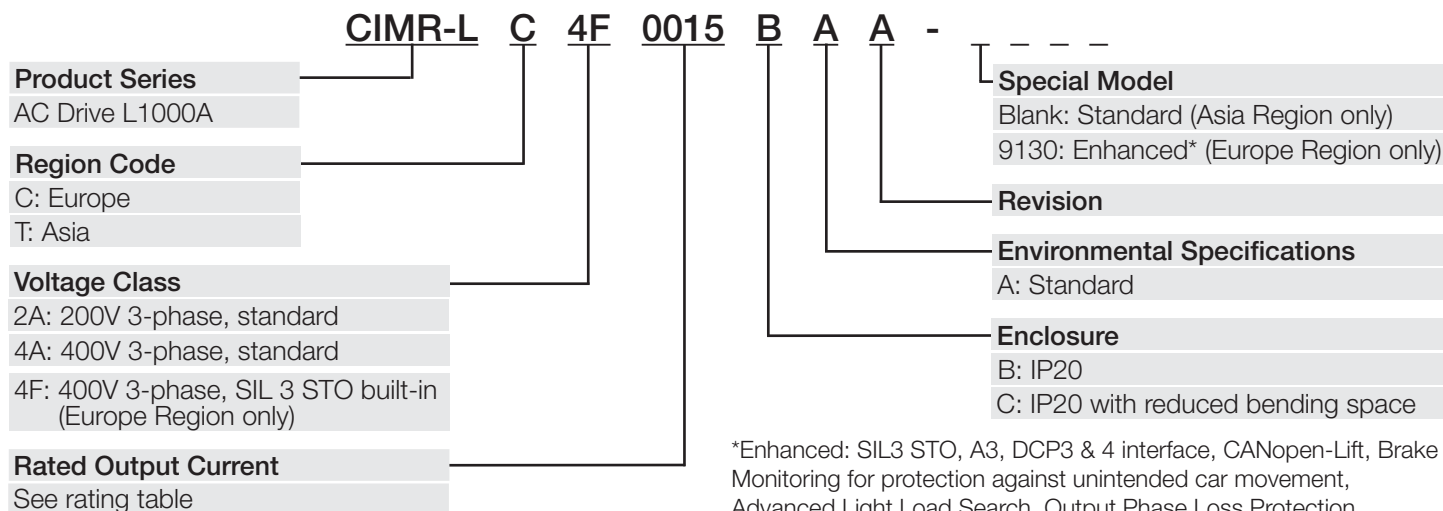
Safety Standards



International Standards



■ Model Designation



Max. Applicable Motor Capacity (kW)	1.5	2.2	3.7	5.5	7.5	11	15	18.5
Three-Phase 200V	0008 (8A)	0011 (11A)	0018 (17.5A)	0025 (25A)	0033 (33A)	0047 (47A)	0060 (60A)	0075 (75A)
Three-Phase 400V	0005 (4.8A)	0006 (5.5A)	0009 (9.2A)	0015 (14.8A)	0018 (18A)	0024 (24A)	0031 (31A)	0039 (39A)

Max. Applicable Motor Capacity (kW)	22	30	37	45	55	75	90	110
Three-Phase 200V	0085 (85A)	0115 (115A)	0145 (145A)	0180 (180A)	0215 (215A)	0283 (283A)	0346 (346A)	0415 (415A)
Three-Phase 400V	0045 (45A)	0060 (60A)	0075 (75A)	0091 (91A)	0112 (112A)	0150 (150A)	0180 (180A)	0216 (216A)

YASKAWA

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