

**ALWAYS
ON**



cosmic+

INVERTERS FOR ELEVATORS

Capacity: 6 KVA to 200 KVA



**Green
Energy**

ELOS

Emergency Lift Operating System

ELOS, is popularly known as a LIFT INVERTER/INVERTER FOR ELEVATOR. Which is designed to generate 3-phase output to support Lift/Elevators during power failure.

LIFT INVERTER



LIFT METER



MAINS



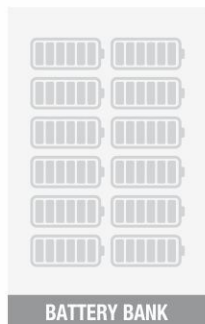
CHANGE OVER SWITCH



OUTPUT



BACKUP POWER



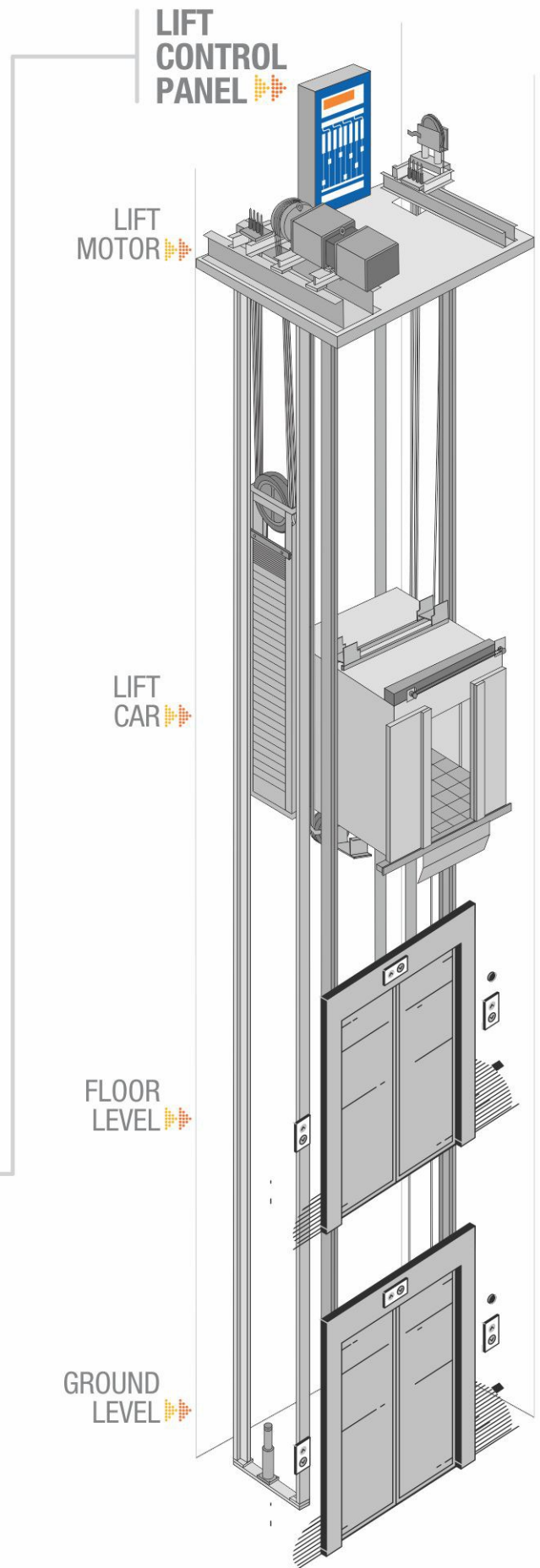
BATTERY BANK



DC



ELOS/LIFT INVERTER



ELOS is a Static Converter to generate 3-phase output to support Lifts/Elevators during utility Failure. IN addition to this, Important load like - **Staircase, Parking, Compound & Common lights, Security systems, Water Pump, Fire pump** etc. can be supported through this innovative product.

ELSO consists mainly,

- ▶ Battery Charger
- ▶ Storage Batteries
- ▶ Three Phase Inverter
- ▶ Change over module



	ELOS/ Lift Inverter	Generator
Type	Static Electronic device	Electro Mechanical device
Space	Can be Install in a small area	Large space with foundation required
Protection	Built in Protection from Overload, Short Circuit, Over/under voltage	No Such built in Protection
Change over time	Auto change over within 2-3 second	Has to start manually/ For auto start additional cost required
Life	More than generator/ if it is maintaining well then life can me 8 years+	Less than Lift Inverter/ routing maintenance required and components need to replace periodically
Pollution	Pollution free	Emits Smoke, Fumes & Noise
Certified	NOT Required	CPCB & EB certificate renewal required
NO load condition	Battery Power is only during operation of the load	It requires to be kept ON in no load condition as well
Noise	Absolutely Noiseless	Very Noise
Cost	Economical then Generator	Costlier than ELOS
Extra Cost	No additional running cost	Required AMF panel, Acoustic covering which add more cost

Important features of **ELOS**

Emergency Lift Operating System

- ▶ High Inrush capability to handle lift during startup
- ▶ Sine wave pulse width modulation (SPWM)
- ▶ IGBT Inverter design
- ▶ 100% Pure, Reliable and Regulated Power
- ▶ Unbalanced load handling capability
- ▶ Runs heavy duty appliances/equipment
- ▶ Extended overload capability
- ▶ Start up without mains (Cold start)
- ▶ Generator compatible & low running cost
- ▶ Extended power backup time

Services & Support

- ▶ Site inspection & Load calculation
- ▶ Installation & Commissioning
- ▶ Annual Maintenance Contract (AMC)
- ▶ Battery analysis and replacement
- ▶ Power quality analysis
- ▶ Critical spare parts supply
- ▶ ON call & ON site support



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