



ELOS

Emergency Lift Operating System

Powerline Sine Wave Inverters helps you to keep the o/p voltage with a tolerance of 1% & works with efficiency more than 90%

As a leading manufacturer of electronic industrial products and services, VITRONICS CONTROLS, is driven by a vision to achieve highest standard of quality and customer satisfaction.

Manufacturing high quality UPS, Stabilizers, Digital Inverters & Sine Wave Inverters of various ranges, VITRONICS CONTROLS takes care of all your power source problems giving you an uninterrupted and constant power supply enabling you to function efficiently and smoothly.

WHAT IS ELOS?

ELOS is always alert & has an intelligence to sense sudden electricity failure & cums in action within fraction of second, These systems are essentially designed and manufactured to ensure the continuity of operation of elevators & lifts in the events of electricity failure. These inverters also recommended for other utility applications such as water pumps stair case lights, parking lights & emergency power points in the buildings along with the elevators. These are available in various models with different configurations in a different power ratings to suit almost every type of passenger lifts & inductive loads.

Salient Features

- Cutting Edge Technology
- Environment Friendly
- High, Reliability
- Extremely Flexible
- Versatile Operations

WHY ELOS?

	ELOS	GENERATOR
TYPE	Static electronics device	Electro -mechanical device
COST	Is more economical than generator	Is costlier than ELOS
Extra Cost	No additional circuitry, acoustic covering(canopy)&hidden cost	Requires AMF panels, acoustic covering etc Which increases basic cost
NO Load condition	Utility of battery power is only during operation of the LOAD	Generation is required to be kept on in NO LOAD condition also, Hence un-necessary usage of fuel
Noise	Absolutely noiseless	Very Noise
Changeover Time	Auto changeover within 500 milliseconds	Has to start manually/For auto operation additional cost requirement
Recurring Cost	Negligible , if maintained properly	Fuel cost (Diesel)& maintenance cost is more because of wear and tear due to internal rotary parts
Life	Life of the equipment is more than Generator. Batteries can last for upto 5 years if maintained periodically	Lesser than ELOS. If extended, the expense of alternator and other spares replacement is considerable
Pollution	Absolutely pollution free & environmental friendly	Emits smoke, fumes & noise

TECHNICAL SPECIFICATIONS:

INPUT	
Voltage	415V AC (+10%, -15%), 3 phase
Frequency	50 Hz, + 2 Hz
OUTPUT	
Voltage	415 VAC (+2%), 3pahse
Frequency	50 Hz (+0.1 Hz)
Changeover Time	<500 millisecond
Power Rating	As appropriate to the load requirement (from 1 KVA to 100 kva Continuous duty cycle)
Power Factor	0.8 Lag to Unity
Crest Factor	>3.0
Wave Form	True Sine Wave
Harmonic Distortion	<5%
Efficiency	>90%
HOUSING	
Finish	Epoxy powder coating
Classification	IP 20
Option	Caster Wheels
BATTERIES	
Type	Lead Acid (Automotive) / Tubular / Sealed maintenance Free
Capacity	Depends on Load & back-up duration required
DC Voltage	72 to 360 v depending on capacity and customer req.



Vitronics Controls

S. No. 58/7/1, Gokul Nagar, Behind Jain Temple, Kondhwa Bk., Pune - 411048 (MH)

Tel. No.: +91 - 20 - 2696 2548, 2696 1311 | Telefax : +91 - 20 - 2696 2548.

Customer Care Center No : +91 - 20 - 26961311, Cell : +91 - 9404731535

E-mail : response@vitronicscontrols.com, vitronics_controls@yahoo.com

Power Line Products :

