

# Complete Power Solution

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**SinewaveSystems**

ADVANCED POWER TECHNOLOGY

## Company Profile

Sinewave Systems is a Company focused to deliver easy solutions for automation in power distribution. Sine wave systems excellence in delivery capacity to provide automation systems & support to residential as well commercial high rise buildings.

Research and Development is a continuous process and our experienced professionals keep themselves updated with the latest technology developments. We are able to develop and improve our range of products to ensure consistency, quality at affordable prices for our product range.

## Quality Policy

We assure stringent quality control in our products and our products undergo rigorous Quality checks at various point in production.

## Commitment

We never compromise on quality and are committed to providing highly reliable products. Also we seriously take the feedback from our clients and ensure that necessary changes are made in the products so as to provide them complete satisfaction.

## Our Products



**Timer Switches, Online UPS, Inverters and Servo Stabilizers**

# DIGITAL **ACCL**



## Digital Auto Changeover With Current Limit

An Unique Devise to automate power distribution, protect expensive gensets and prevent fatal risks. The ACCL also known as automatic changeover with current limit, allows unrestricted supply from mains. When the main supply fails and stand by Generator supply is on. It connects the DG power to each consumer in sequence & starts monitoring its load. The generator current allotment is controlled by microprosser in each ACCL as per buyer's specification ( rating (between 300W to 25,000W on either 230V or 440V AC supply). Also it provided ON TIME Delay so that generators are not loaded suddenly, This feature enhance the life of generator and switch gear.

When ever the consumption exceeds the allotment, power is automatically trip for 8 seconds, and then automatically restored if the overload exists, this cycle is ( 2 Sec ON & 8 Sec OFF) is repeated every Ten seconds. If overloading on DG persists the ACCL goes to lock mode after 5 ON & OFF cycles. Then unit can be reset manually by switch of the Mains. Total automation at no extra cost over outdated manual system.

- ✓ No restriction on choice of generator power points.
- ✓ No separate wiring required so Significant saving on wiring Expense for entire complex.
- ✓ Assured availability of allotted load more load can not be consumed on Genset.
- ✓ Simplifies electrical complexity.
- ✓ Safeguards generator by monitoring.
- ✓ LED indication of all operational states.
- ✓ Wide range of Single & Three Phase models.



# DI G I T A L **ACCL**



Digital Auto Changeover With Current Limit

## Specifications

<b>Technology</b>	Microprocessor Based
<b>Frequency</b>	50 Hz
<b>EB Max Load Current</b>	20 Amp, 25 Amp, 32 Amp, 40 Amp,
<b>DG Max Current Range</b>	(Factory Set) 0.5 A to 20A
<b>Models</b>	1 Phase EB & 1 Phase DG
	3 Phase EB & 3 Phase DG
	3 Phase EB & 1 Phase DG
<b>Product Warranty</b>	18 Months
<b>Enclosure</b>	Powder Coated Cabinet
<b>Mounting</b>	270mm X 160mm X 70mm



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