

Redefined Energy Distribution





Sinewave Systems India Pvt Ltd is a company focused to deliver easy solutions for automation in power distribution. It has excellent 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.



Mission

We are dedicated to our promise of delivering the best quality and service to our customers. And also develop and manufacture innovative and efficient products for power distribution with advanced technology with highest safety standards



Vision

Our vision is to be the expert in power distribution, expand its Technologies, innovation and providing solution in power distribution



Core Values

Professional, Assurance, Support, Innovative, Development

Certifications



CPRI



Time line



2010

Started in
Hyderabad

2011

Branch office
in Kerala

2014

Branch office
In Chennai

2016

Branch office in Visakhapatnam
& Assembling unit in Kerala

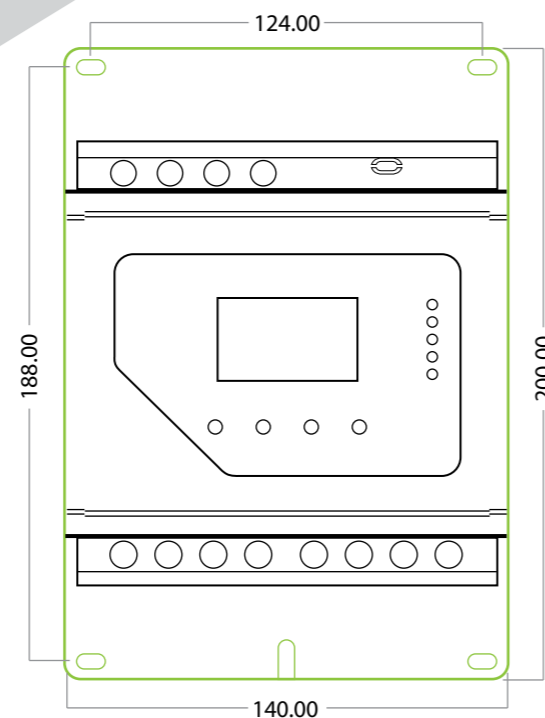
2018

Branch Office
in Bangalore

2019

Branch Office &
Assembling unit in Faridabad

Sinewave i-smart Digital ACCL



Specifications

Model No	SW303EM, SW301EM
Technology	Microcontroller
Rated Current (In) EB	32A, 40A, 60A, 80A
Rated Current (In) DG	User Specified Cut Off
Rated Voltage	240/415 VAC
On Time Delay	5 Sec (User Can Set as per requirement)
No of Poles	3P+1 N & 1P+1N
Protection Class	IP20
Rated Frequency	50Hz
Size (in mm)	90x180x115 or 120x180x115 or 140x200x150
Display	8x2 Character Back lit LCD
Display Parameter	EB Energy, DG Energy, Line to Neutral Voltage, Amps
Priority	EB or DG can be configured as per user spec
Reset	Wireless reset at flat (Optional)
Duty	Uninterrupted
Ambient temperature	- 5 To +60 C
Terminal Capacity mm ²	10 – 35 mm ²
LED Indication	EB, DG, Low Volt, High Volt, Over Load, Trip
Mounting	Surface & DIN
Communication	RS-485(Wired)/Radio Frequency (Wireless)
Product Warranty	24 Months

Display Parameters

- Main Voltage reading on all three lines
- GEN Voltage reading on all three lines
- Current Consumption reading on all three lines
- Main Supply Indication
- GEN Supply Indication
- Low Voltage Indication
- High Voltage Indication
- Overload Cutoff Indication
- Password Protection of Working Parameters
- Programmable start and changeover delays
- Programmable 1-Phase and 3-Phase working modes
- Programmable source priority
- Programmable overload type – Phase combined vs Power vs Single Phase
- Programmable overload level
- Programmable voltage limits on each source
- Programmable Auto reset, Retries modes (EB only, DG only, changeover mode)
- Parameter setting in case of RS-485

Salient Features

Protection Features

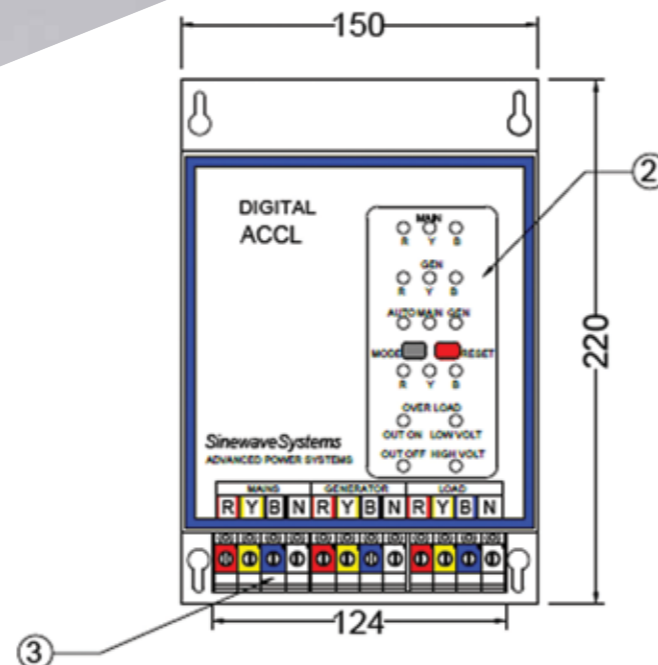
- Reliable, long-lasting & low-cost maintenance
- Suitable for premium & heavy power consumption
- Excellent withstanding capacity, tripping & cut off accuracy
- High & Low voltage cut off feature provides extra protection to home appliances

User Interface

- LCD display and LED indication of operating conditions
- Remote display of working conditions and sleep mode reset control

Customization
possible according
to requirement

Sinewave Digital ACCL



Specifications

Model No	SW303, SW301
Technology	Microcontroller
Rated Current (In) EB	32A, 40A, 60A, 80A
Rated Current (In) DG	User Specified Cut Off
Rated Voltage	240/415 VAC
On Time Delay	5 Sec (User Can Set as per requirement)
No. of Poles	3P+1 N & 1P+1N
Protection Class	IP20
Rated Frequency	50Hz
Size (in mm)	90x115x185 or 120x125x185 or 150x220x140
Priority	EB or DG can be configured as per user spec
Reset	Auto reset (Optional)
Duty	Uninterrupted
Ambient temperature	- 5 To +60 C
Terminal Capacity mm ²	10 – 35 mm ²
LED Indication	EB, DG, Low Volt, High Volt, Over Load, Trip, Output ON, Output OFF
Mounting	Surface
Product Warranty	24 Months

Salient Features

Protection Features

- Reliable, long-lasting & low-cost maintenance
- Suitable for premium & heavy power consumption
- Excellent withstanding capacity, tripping & cut off accuracy
- High & Low voltage cut off feature provides extra protection to home appliances
- Auto Reset Feature (Optional)

User Interface

- LED indication of operating conditions
- Sleep mode & reset control
- Remote display of working conditions and sleep mode reset control

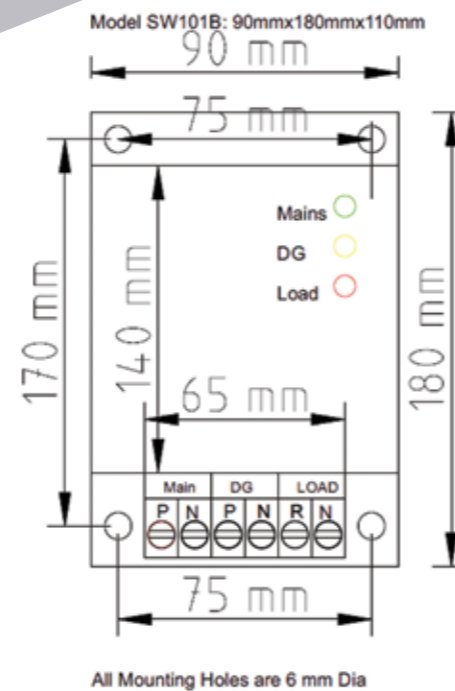
LED Indications

- LED indication of operating conditions
- Sleep mode & reset control
- Remote display of working conditions and sleep mode reset control

Customization possible according to requirement

SPN Single Phase ACCL

SW 101 EM (32A, 40A ,60A)



Specifications

Model No	SW101EM
Technology	Microcontroller
Rated Current (In) EB	32A, 40A ,60A
Rated Current (In) DG	User Specified Cut Off
Rated Voltage	240 VAC
On Time Delay	5 Sec (User can set as per requirement)
No of Poles	1P+1N
Protection Class	IP20
Rated Frequency	50Hz
Size (in mm)	90x185x115
Display	8x2 Character Back lit LCD
Display Parameter	EB Energy, DG Energy, Line to Neutral Voltage, Amps
Priority	EB or DG can be configured as per user spec
Reset	Wireless reset at flat (Optional)
Duty	Uninterrupted
Ambient temperature	- 5 To +60 C
Terminal Capacity mm ²	4 – 16 mm ²
LED Indication	EB, DG, Low Volt, High Volt, Over Load,Trip
Mounting	Surface
Communication	Radio Frequency (Wireless)
Product Warranty	24 Months

Salient Features

Protection Features

- Metal Body
- Microcontroller based Automatic Changeover
- Operational status indication LEDs
- All bottom terminal for Easy wiring (Optional)
- Compact size makes suitable for Panel Board
- Surface Mounting

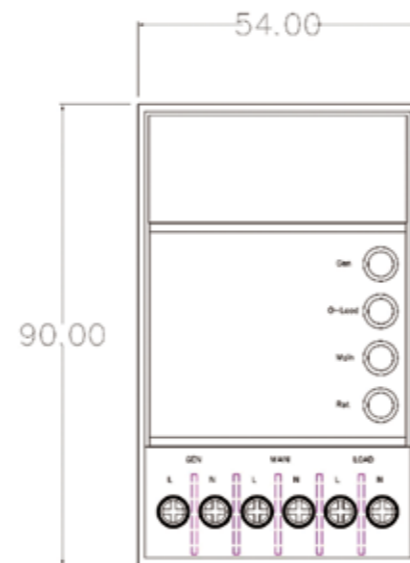
User Interface

- LCD display and LED indication of operating conditions
- Remote display of working conditions and sleep mode reset control

Customization possible according to requirement

SPN Single Phase ACCL

SW 101 RN (2A, 4A, 5A, 6A, 10A, 20A, 30A)



Specifications

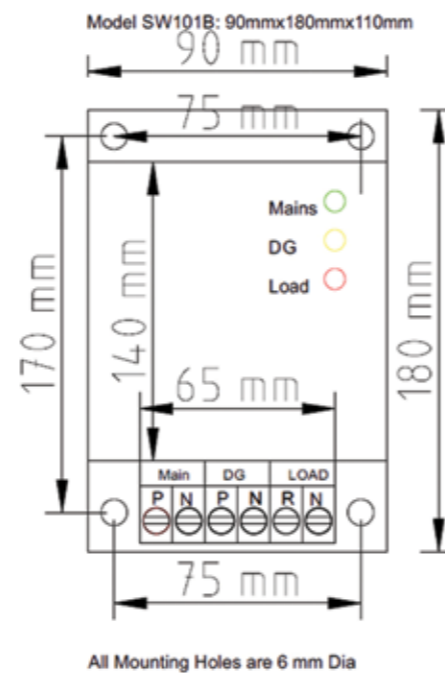
Model No	SW101 RN
Technology	Microcontroller
Rated Current (In) EB	30A
Rated Current (In) DG	2A, 4A, 5A, 6A, 10A, 16A, 20A
Rated Voltage	240 VAC
On Time Delay	5 Sec
No of Poles	1P+1N
Protection Class	IP20
Rated Frequency	50Hz
Size (in mm)	54x90x50 mm
Priority	EB
Reset	Manual
Duty	Uninterrupted
Ambient temperature	- 5 To +60 C
Terminal Capacity mm ²	6mm ²
LED Indication	EB, DG, Over Load
Mounting	DIN
Product Warranty	12 Months

Salient Features

- Microcontroller based Automatic Changeover
- SMPS Based consumes very low power
- Operational status indication LEDs
- All bottom terminal for Easy wiring
- Compact size makes suitable for All DB Boxes
- Easy DIN Mounting

SPN Single Phase ACCL

SW 101 XX (32A, 40A ,60A)



Specifications

Model No	SW101XX
Technology	Microcontroller
Rated Current (In) EB	32A, 40A ,60A
Rated Current (In) DG	User Specified Cut Off
Rated Voltage	240 VAC
On Time Delay	5 Sec (User Can Set as per requirement)
No of Poles	1P+1N
Protection Class	IP20
Rated Frequency	50Hz
Size (in mm)	90x185x115
Priority	EB or DG can be configured as per user spec
Reset	Manual/ Auto Reset
Duty	Uninterrupted
Ambient temperature	- 5 To +60 C
Terminal Capacity mm ²	4 – 16 mm ²
LED Indication	EB, DG, Low Volt, High Volt, Over Load,Trip
Mounting	Surface
Product Warranty	24 Months

Salient Features

- Metal Body
- Microcontroller based Automatic Changeover
- Operational status indication LEDs
- All bottom terminal for Easy wiring (Optional)
- Compact size makes suitable for Panel Board

Customization possible according to requirement

Sinewave Metering Solutions

Sinewave Systems with capabilities of design and manufacture of electrical metering and Residential / Industrial electronics system used in global infrastructure equipments.

We deal in all
types of meters.
Contact us for your
requirements

Sinewave Panel Mount Digital Energy Meter (Single / Dual Source)



Single Source Meter

- Single row 6 digit bright red LED display
- Micro-controller based meters with low VA burden
- Password Protected
- True RMS measurement of parameters
- Wiring Type Programmable-Star/Delta
- Auto scaling of parameter values
- Auto/Manual scrolling of parameters
- Easy Programming with push buttons on front facia
- Auxiliary power supply: 90 to 300 V AC.(Other supply voltages on demand)
- RS-485 option available on demand

Dual Source Meter

- Displays Active Energy(kWh)
- Active energy - Energy accumulation/ Integration, reverse lock
- Old energy register back-up for re-start reading
- Accuracy : Class 1 and 0.5
- CT Primary 1 A to 50 kA programmable
- CT Secondary range 0.5 A to 5 A programmable
- PT Primary Range 50 V to 500 kV AC programmable
- PT Secondary Range 50 V to 500 V AC programmable
- Load hour for secondary Source (DG) are displayed in dual energy meter
- Smart Voltage sensing (AC & DC) of Secondary Source in dual energy meters
- Metering Standard : IEC 62053-21/22

Sinewave Digital Multi Function Meter



Specifications

- LCD display
- Micro-controller based meters with low VA burden
- Password Protected
- True RMS measurement of parameters
- Wiring Type Programmable-Star/Delta
- Auto scaling of parameter values
- Auto/Manual scrolling of parameters
- Easy Programming with push buttons in the front
- Auxiliary power supply: 90 to 300 V AC.(Other supply voltages on demand)
- RS-485 option available on demand

Sinewave Digital Volt Meter



Specifications

- Displays Line To Line Voltage and Line to Neutral Voltage – Phase wise and Average and system frequency
- Accuracy : Class 1 and 0.5
- PT primary range 50 to 500kV AC Programmable
- PT secondary 50 to 500 V AC Programmable
- Relay Output For Alarm can be provided (optional)
- Metering standard : IEC62052-11

Sinewave Power Factor Meter



Specifications

- Displays System Frequency
- Frequency measurement at class 0.2
- Measurement range : 10 Hz to 200 Hz
- Relay Output For alarm can be provided.(optional)
- Metering Standard : IEC62052-11

Sinewave Digital Ammeter



Specifications

- Accuracy : Class 1 & Class 0.5
- Scale: Programmable up to 50,000A
- Relay Output for alarm can be provided (optional)
- Metering Standard : IEC62052-11

Sinewave Digital VAF Meter



Specifications

- Displays voltage(Line to Line to Neutral), Current,Frequency,RPM,Run hour (RPM & Run hour in DG model)
- Simultaneous display of three instantaneous parameters grouped page wise
- Run hour displayed in 8 digit hour and minutes format
- Accuracy : Class 1 and 0.5
- Frequency measurements at class 0.2
- CT primary range 1A to 50KA programmable
- CT secondary range 0.5A to 5A programmable.
- PT primary range 50V to 500KV AC programmable
- PT secondary range 50V to 500V AC
- Metering Standard : IEC 62053-21/22

500+ satisfied customers



HYDERABAD

REGISTERED ADDRESS

M/S Sinewave Systems India Pvt Ltd.
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