



# GLOW ENERGY

MAKING LIVES BRIGHTER

**POWERING LIVES  
EFFECTIVELY & EFFICIENTLY**



**POWER BACKUP &  
INDUSTRIAL SWITCHGEAR  
SOLUTIONS**

[www.glow-energy.com](http://www.glow-energy.com)




# MAKING LIVES BRIGHTER

Glow is a prominent name in the power backup solutions and industrial switchgear market of Nigeria. Our product range includes a host of electric solutions- Inverter, Tubular Batteries, SMF Batteries, Solar Panels, Changeover, Fuse, Main Switch, Splitter Switch, HRC Fuse. We believe that people don't have to spend enormous amounts for products that are an integral part of basic living. We have been successfully providing our consumers with reliable products that meet their expectations at affordable prices. We are proud to say that we have earned the trust of millions of people and continue to offer them our carefully engineered products.

As we are growing, we are even more excited to solve the challenges and pain points that people face in their day-to-day-lives. We are inspired to do better every day and offer cost-effective solutions that make the lives of our customers more comfortable and productive.



-  SOLAR & INVERTER TUBULAR BATTERY
-  SMF VRLA BATTERY
-  BOOST UPS
-  PURE SINE WAVE INVERTER
-  MONO CRYSTLINE SOLAR PANELS
-  CHANGEOVER SWITCH
-  SWITCH FUSE UNIT
-  FUSE UNIT
-  HRC SWITCH FUSE UNIT



## SHINING A LIGHT ON OUR STORY

Our research and development centers play an integral part in manufacturing products that bring comfort to your life. Our presence across 4 R&D facilities and a total of 12 warehouses have the capacity to manufacture top-notch products for you. Throughout our research process, we don't only think about innovation; instead, we think about sustainable innovation that's going to be long-lasting. Our priority is to create products that not only improve your life but also have a positive impact on the environment. With over 20+ years of industry experience, we continue to learn and evolve to deliver the best to our customers. All our branches are equipped with state-of-the-art and well-trained service personnel to offer our customers a seamless experience.



## MAXIMIZING OUR CUSTOMERS' SAVINGS

We understand that with changing times our needs and requirements are also growing rapidly. We are keeping up with this change to meet our customers' expectations. We want you to maximize your savings when it comes to purchasing electrical products without compromising on quality. At Glow, we keep customer satisfaction at the heart of our business. For us, the journey is as important as the destination. We always prioritize achieving our company goals by keeping our customers happy and satisfied.

## POWERING THE PRESENT, EMPOWERING THE PEOPLE

With our thoughtfully-engineered products and considerate pricing, we have been able to reach people from different strata of the society. It gives us immense joy to see that everyone can make the most of power-up solutions in their lives.






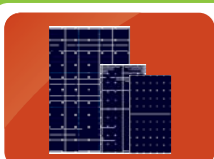
## WE LISTEN TO YOU

We listen to our consumers and offer solutions that enrich their lives in a meaningful way. We believe that innovation that's not significantly changing people's lives will soon become redundant. That's why we keep observing how the market trends are changing and how consumer behavior is evolving with time.







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## POWER BACKUP

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NIGERIA'S MOST TRUSTED  
**POWER BACK-UP**  
SOLUTIONS COMPANY

- SOLAR & INVERTER TUBULAR BATTERIES
- SMF VRLA BATTERIES
- BOOST UPS PURE SINE WAVE
- MONO CRYSTLINE SOLAR PANELS



## SOLAR & INVERTER TUBULAR BATTERY

### FEATURES

- High rate discharge tested.
- Environment friendly.
- Improved Safety.
- High Acid Volume per ampere hour.
- Electrolyte level indicator.
- Deep Cycle design.
- Tower Type design.
- Common side venting.
- Excellent charge acceptance.

### ADVANTAGES

- Very Long Life
- User friendly
- Acid volume per ampere hour is 30% more than that of ordinary tubular batteries. It acts as a coolant and also ensures very low maintenance.
- Suited for use in areas of frequent power cuts (800 to 1000 cycles of deep discharge as against 300/400 cycles of other batteries).
- Can withstand overcharge better.
- Occupies less floor space, totally new look.
- Less pollution, environment friendly.
- Ensure consistent quality.



LOW  
MAINTENANCE



HIGH  
POWER



SELENIUM  
INSIDE



HIGH  
DURABILITY WITH  
SEALED PLASTIC  
HOUSING



TALL  
TUBULAR  
BATTERY



FACTORY  
CHARGED BATTERY  
IN READY TO  
USE CONDITION



EASY TO  
REFILL



EASY  
MAINTENANCE  
WITH LEVEL  
INDICATORS

AVAILABLE RANGE

165AH to 220AH

## SMF VRLA BATTERY

### FEATURES

#### Cyclic grid alloy for positive plate

- Higher cycle life

#### Radial grids

- Low internal resistance • Quick recharge • High discharge performance

#### Copper alloy screw type terminals

- Better electrical conductivity • Absolute positive contact • Zero wear and tear

#### AGM Separator

- Greater compression • Long Life

#### Deep discharge capability

- Withstands frequent & long power failures

#### Low shelf discharge

- Longer shelf life

#### Product Conformance

- JIS C 8702-I

### APPLICATIONS

#### UPS systems

- Banking, Financial Services & Insurance
- IT / ITES

#### Telecom

- Optical Network Terminal Telecom Equipment

#### Power Back up

- CFL/LED Lamps
- Railway Emergency Lighting
- Solar Power Equipment
- Medical Instruments
- Fire & Security Alarm Systems



HIGH  
PERFORMANCE



FAST  
CHARGE



STRONGER BATTERY  
& LONG LIFE



MAINTENANCE  
FREE

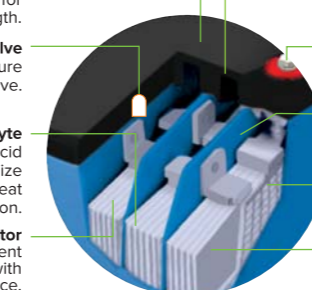
### Design and Construction Features

**Container**  
High impact PP/ABS container for better strength.

**Safety Valve**  
Self releasing, pressure regulating EPDM valve.

**Electrolyte**  
High purity sulphuric acid along with additives to maximize shelf life and to improve heat dissipation.

**Separator**  
High porosity Absorbent Glass Mat Separator (AGM) with low internal resistance.



**Container and Cover Sealing**  
Heat Sealing / Special epoxy sealing for better joint strength.

**Terminals**  
High conductivity brass terminals for better electrical conductivity.

**Inter Cell Welding (ICW) or Over patrician joint**  
withstands high rate performance

**Negative plate**  
Flat pasted with lead calcium alloy for maintenance free characteristics.

**Positive plate**  
Flat pasted with corrosion resistant cyclic lead alloy.

AVAILABLE RANGE

100AH to 200AH



BOOST UPS PURE SINE WAVE

Glow Energy UPS incorporates the world’s latest PWM based technology which provides you complete comfort during the failure of utility power & provides your appliance the exact replication of main power.

FEATURES

LCD Display

- Mains on
- UPS on
- Short Circuit
- Overload
- Charging
- Battery Low
- Fuse Brown
- MCB Trip

Protection

- Battery Voltage Low
- Over Load
- Battery Full Charge
- Over Temperature
- Short Circuit



upto 30% Extra Current incase of emergency through Emergency Current Boost



Built in Automatic Stabilizer to Boost the Mains voltage up to 30%



Battery Charging at Low mains (90 volt) for longer Backup and Battery Life.



Optional Monitoring and Controlling through Smart Phone & Wi-Fi



Enhanced Temperature Protection



Easily up-gradable to Solar UPS / PCU



Interactive Multi Color LCD Display



Pure Sine Wave Boost Technology

AVAILABLE RANGE

LKVA SERIES

Single Phase Inverter  
from 1000VA to 2500VA



TECHNICAL SPECIFICATIONS

BOOST UPS

|                         |        |        |
|-------------------------|--------|--------|
| Nominal Battery Voltage | 12 VDC | 24 VDC |
|-------------------------|--------|--------|

AC Mains Mode

|                               |                            |              |                     |              |
|-------------------------------|----------------------------|--------------|---------------------|--------------|
| I/p Volt. Range (Normal Mode) | 100 to 280 VAC $\pm$ 5 VAC |              |                     |              |
| I/p Volt Range (UPS Mode)     | 180 to 260 VAC $\pm$ 5 VAC |              |                     |              |
| Changeover Time Maximum       | < = 20 ms                  |              |                     |              |
| Max. Charging Current (NC)    | 25% less than HC           |              |                     |              |
| Max. Charging Current ( HC)   | 15A $\pm$ 1A               | 18A $\pm$ 1A | 15A $\pm$ 1A        | 20A $\pm$ 1A |
| Boost Charging Voltage        | 14.4V $\pm$ 0.1 VDC        |              | 28.8V $\pm$ 0.2 VDC |              |
| Float Charging Voltage        | 13.7V $\pm$ 0.2 VDC        |              | 27.4V $\pm$ 0.4 VDC |              |

Battery Backup Mode

|                                |                      |                |  |
|--------------------------------|----------------------|----------------|--|
| Output Voltage at No Load      | 220 VAC $\pm$ 7 VAC  |                |  |
| Output Frequency               | 50.0 HZ $\pm$ 0.5 HZ |                |  |
| Output Wave Form ( At No Load) | 100% Pure Sine Wave  |                |  |
| Battery Low Alarm (VDC)        | 10.8 $\pm$ 0.2       | 21.6 $\pm$ 0.2 |  |
| Battery Low Protection         | 10.4 $\pm$ 0.2 VDC   | 20.8 $\pm$ 0.2 |  |

Current Boost Function Mode in Normal Mode only

|                              |             |
|------------------------------|-------------|
| Charging Current at 100 V AC | 8A $\pm$ 1A |
|------------------------------|-------------|

Protections

|                               |                                 |
|-------------------------------|---------------------------------|
| Short Circuit at Battery Mode | Should be functional            |
| Mains Fuse Trip               | Should be functional            |
| Reset                         | Through ON / OFF Switch & Mains |



BOOST UPS PURE SINE WAVE

FEATURES

LCD Display

- Mains on
- UPS on
- Short Circuit
- Overload
- Charging
- Battery Low
- Fuse Brown
- MCB Trip

Protection

- Battery Voltage Low
- Over Load
- Battery Full Charge
- Over Temperature
- Short Circuit



Battery Charging at Low mains (100 volt) for longer Backup and Battery Life.



Optional Monitoring and Controlling through Smart Phone & Wi-Fi



Enhanced Temperature Protection



Easily up-gradable to Solar UPS / PCU



Interactive Multi Color LCD Display



Pure Sine Wave Boost Technology

AVAILABLE RANGE

HKVA SERIES

Single Phase Inverter  
from 3.8 KVA to 20 KVA

TECHNICAL SPECIFICATIONS

| Parameters  |              | Normal Mode                              | UPS Mode     |
|---|--------------|--|--------------|
| Mains AC Lower Voltage Limit                            |              | 100 ± 5VAC                               | 180 ± 5VAC   |
| Mains AC Lower Recovery Volt.                           |              | 110 ± 5 VAC                              | 190 ± 5 VAC  |
| Mains AC Higher Voltage Limit                           |              | 280 ± 5 VAC                              | 260 ± 5 VAC  |
| Mains AC Higher Recovery Volt.                          |              | 270 ± 5 VAC                              | 250 ± 5 VAC  |
| Output Voltage with full load in Normal Mode            |              | 220 ± 10 V                               |              |
| Battery Low Cut-Off Voltage                             |              | 10.4 ± 0.2 V (per Battery) Default       |              |
| Mains O/P Frequency                                     |              | Same as Input                            |              |
| INV. O/P Frequency                                      |              | 50 ± 1.0 Hz                              |              |
| Battery Charging  |              |  |              |
| Battery Charging Volt. Range                            |              | 100 to 280 V                             | 180 to 260V  |
| Trickle Charging Current Limit                          |              | 0.5 ± 0.3A                               | 0.5 ± 0.3A   |
| Boost Voltage   |              | 14.4 ± 0.1 V (per Battery)               |              |
| Float Voltage   |              | 13.7 ± 0.2 V (per Battery)               |              |
| Overload  |              | 100 + 3% (with Auto reset function)      |              |
| Short Circuit Protection                                |              | > 300% Load (with manual reset function) |              |
| Change Over Time  |              | < 60m Sec                                | < 10m Sec    |
| Max. Charging Current (when battery is fully discharge) |              |  |              |
| 3.8 KVA   | 5.5KVA (48V) | 5.5KVA (96V)                             | 20KVA (360V) |
| 20±1 A  | 24±1 A       | 16±1 A                                   | 16±1 A       |



BOOST UPS PURE SINE WAVE

FEATURES

LCD Display

- Mains on • UPS on • Short Circuit • Overload
- Charging • Battery Low • Fuse Brown • MCB Trip

Protection

- Battery Voltage Low • Over Load • Battery Full Charge
- Over Temperature • Short Circuit



Battery Charging at Low mains (100 volt) for longer Backup and Battery Life.



Optional Monitoring and Controlling through Smart Phone & Wi-Fi



Enhanced Temperature Protection



Easily up-gradable to Solar UPS / PCU



Interactive Multi Color LCD Display



Pure Sine Wave Boost Technology

AVAILABLE RANGE

THREE PHASE SERIES

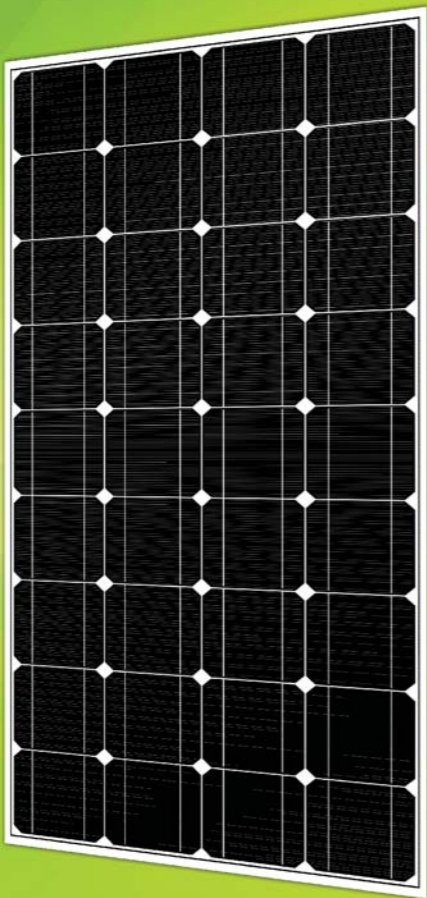
Three Phase Inverter  
from 10KVA to 50KVA

TECHNICAL SPECIFICATIONS

| Parameters/Checks                     |      | Specification |           |           |           |           |           |  |
|---------------------------------------|------|---------------|-----------|-----------|-----------|-----------|-----------|--|
| Inv. Mode                             |      |               |           |           |           |           |           |  |
| No Load Battery Current (NLC)         |      | 2.0 ± 0.2A    |           |           |           |           |           |  |
| O/P Voltage at No Load                | R    | 230 ± 3%      |           |           |           |           |           |  |
|                                       | Y    | 230 ± 3%      |           |           |           |           |           |  |
|                                       | B    | 230 ± 3%      |           |           |           |           |           |  |
| O/P Voltage at Full Load              | R    | 230 ± 3%      |           |           |           |           |           |  |
|                                       | Y    | 230 ± 3%      |           |           |           |           |           |  |
|                                       | B    | 230 ± 3%      |           |           |           |           |           |  |
| Full Load O/P Current (AC)            | R    | 10KVA         | 15KVA     | 20KVA     | 30KVA     | 40KVA     | 50KVA     |  |
|                                       | Y    | 11.5Amp.      | 17.0 Amp. | 22.5 Amp. | 34.0 Amp. | 45.0 Amp. | 58.0 Amp. |  |
|                                       | B    | 11.5Amp.      | 17.0 Amp. | 22.5 Amp. | 34.0 Amp. | 45.0 Amp. | 58.0 Amp. |  |
| Overload Retry                        |      | 6 Times       |           |           |           |           |           |  |
| Overload Limit each Phase<br>on Load  | 105% | 105 Sec       |           |           |           |           |           |  |
|                                       | 125% | 20 Sec        |           |           |           |           |           |  |
|                                       | 150% | 15 Sec        |           |           |           |           |           |  |
|                                       | 200% | 5 Sec         |           |           |           |           |           |  |
| Overload Frequency<br>(Inverter Mode) | R    | 50 ± 1Hz      |           |           |           |           |           |  |
|                                       | Y    | 50 ± 1Hz      |           |           |           |           |           |  |
|                                       | B    | 50 ± 1Hz      |           |           |           |           |           |  |

Mains Mode

|                                    |  |                |
|------------------------------------|--|----------------|
| Input Mains                        | R  | 180 V to 260 V |
|                                    | Y  | 180 V to 260 V |
|                                    | B  | 180 V to 260 V |
| Batt. Low Buzzer (V/Batt.)         | O/P Load>(R+Y+B)X10% System Continous on<br>O/P Load>(R+Y+B)X10% System Trip after 7Sec. |                |
| Short Circuit Retry                | No Retry   |                |
| Permanent Short Circuit Protection | Shold be OK  |                |
| Max. Charging Current              | 10+/-2A  |                |
| Charging Voltage+/-0.2V Batt.      | 13.7+/-0.2V/Batt.  |                |
| Phase seq. output                  | should be OK   |                |

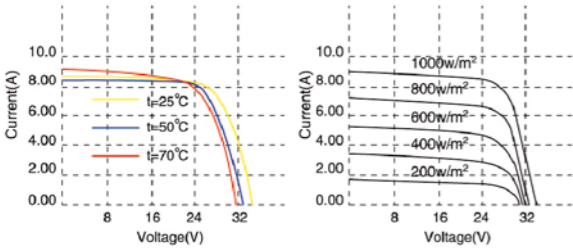


MONO CRYSTLLINE SOLAR PANELS  
GLOW - 150M

**Mechanical Data**  
Cell Type : Mono 157mm x 157mm  
No. of cells : 36 in series (4 x 9)

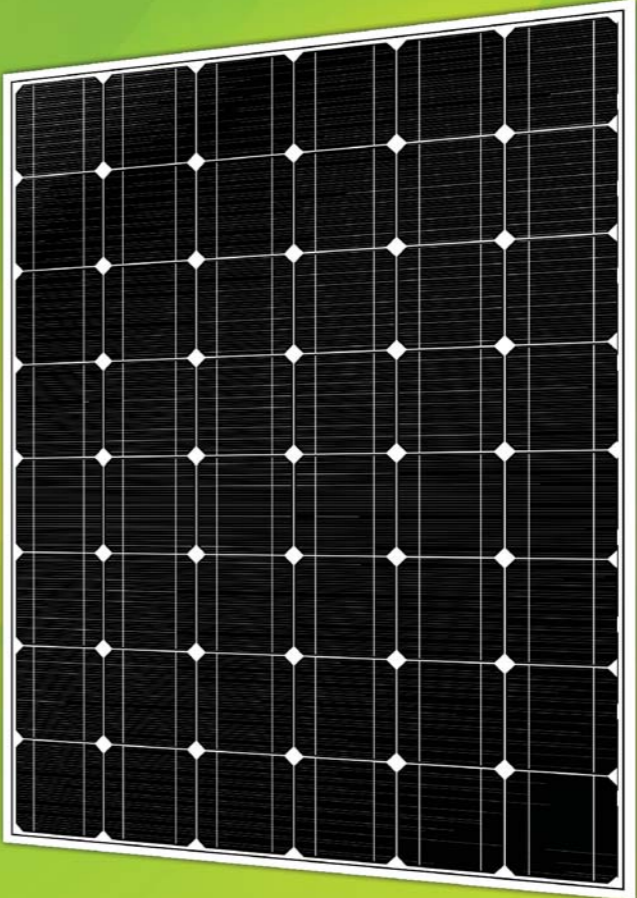
**Certificates**  
Safety Class II, IEC61215, IEC61730

I-V CURES



TECHNICAL SPECIFICATIONS

| (STC: Irradiance 1000w/m², module temperate 25°C. AM=1.5) |                |
|---|----------------|
| Power   | 150Wp          |
| Open Circuit Voltage (Voc)                                | 22.41V         |
| Max. power voltage (Vmp)                                  | 18.12V         |
| Short Circuit Current (Isc)                               | 8.93A          |
| Max. power current (Imp)                                  | 8.28A          |
| Power Tolerance   | ±3%            |
| Max.System Voltage  | 1000VDC        |
| Operating Temp.   | -40°C to +85°C |
| NOCT  | 47 ± 2°C       |
| Temp. Coefficient Isc                                     | 0.06%/°C       |
| Temp. Coefficient Voc                                     | -0.34%/°C      |
| Temp. Coefficient Power                                   | -0.042%/°C     |
| Dimensions  | 1480x680x35mm  |
| Module Class  | Class A(GT)    |
| Net Weight  | 12.4 KGS       |
| Maximum Series Fuse Rating (A)                            | 15A            |

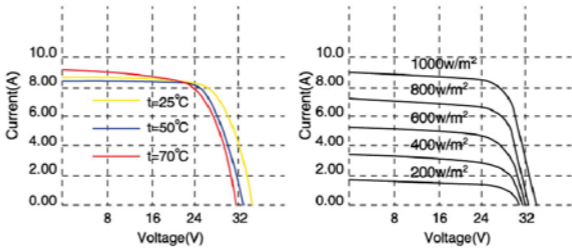


MONO CRYSTLLINE SOLAR PANELS  
GLOW - 200M

**Mechanical Data**  
Cell Type : Mono 157mm x 157mm  
No. of cells : 48 in series (6 x 8)

**Certificates**  
Safety Class II, IEC61215, IEC61730

I-V CURES



TECHNICAL SPECIFICATIONS

| (STC: Irradiance 1000w/m², module temperate 250C. AM=1.5) |                |
|---|----------------|
| Power   | 200Wp          |
| Open Circuit Voltage (Voc)                                | 29.33V         |
| Max. power voltage (Vmp)                                  | 24.32V         |
| Short Circuit Current (Isc)                               | 8.80A          |
| Max. power current (Imp)                                  | 8.22A          |
| Power Tolerance   | ±3%            |
| Max.System Voltage  | 1000VDC        |
| Operating Temp.   | -400C to +850C |
| NOCT  | 47 ± 20C       |
| Temp. Coefficient Isc                                     | 0.06%/0C       |
| Temp. Coefficient Voc                                     | -0.34%/0C      |
| Temp. Coefficient Power                                   | -0.042%/0C     |
| Dimensions  | 1320x992x35mm  |
| Module Class  | Class A(GT)    |
| Net Weight  | 14.5 KGS       |
| Maximum Series Fuse Rating (A)                            | 15A            |

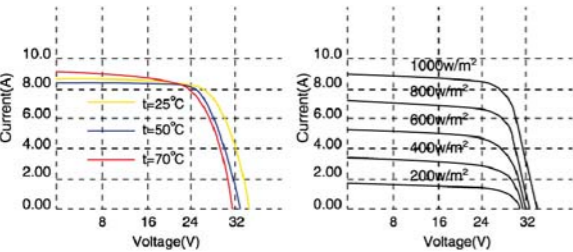


MONO CRYSTLLINE SOLAR PANELS  
GLOW - 250M

**Mechanical Data**  
Cell Type : Mono 157mm x 157mm  
No. of cells : 60 in series (6 x 10)

**Certificates**  
Safety Class II, IEC61215, IEC61730

I-V CURES



TECHNICAL SPECIFICATIONS

| (STC: Irradiance 1000w/m <sup>2</sup> , module temperate 250C. AM=1.5 |                  |
|---|------------------|
| Power   | 250Wp            |
| Open Circuit Voltage (Voc)  | 36.91V           |
| Max. power voltage (Vmp)  | 30.73V           |
| Short Circuit Current (Isc)   | 9.03A            |
| Max. power current (Imp)  | 8.14A            |
| Power Tolerance   | ±3%              |
| Max.System Voltage  | 1000VDC          |
| Operating Temp.   | -400C to + -850C |
| NOCT  | 47 ± 20C         |
| Temp. Coefficient Isc   | 0.06%/0C         |
| Temp. Coefficient Voc   | -0.34%/0C        |
| Temp. Coefficient Power   | -0.042%/0C       |
| Dimensions  | 1640x992x35mm    |
| Module Class  | Class A(GT)      |

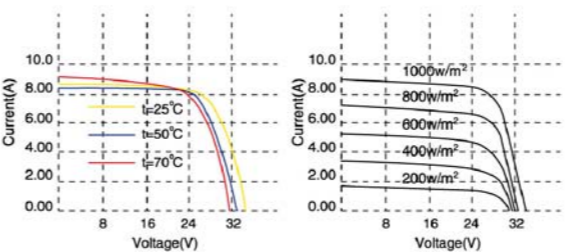


MONO CRYSTLLINE SOLAR PANELS  
GLOW - 300M

**Mechanical Data**  
Cell Type : Mono 157mm x 157mm  
No. of cells : 72 in series (6 x 12)

**Certificates**  
Safety Class II, IEC61215, IEC61730

I-V CURES



TECHNICAL SPECIFICATIONS

| (STC: Irradiance 1000w/m <sup>2</sup> , module temperate 250C. AM=1.5 |                  |
|---|------------------|
| Power   | 300Wp            |
| Open Circuit Voltage (Voc)  | 44.63V           |
| Max. power voltage (Vmp)  | 37.02V           |
| Short Circuit Current (Isc)   | 9.23A            |
| Max. power current (Imp)  | 8.11A            |
| Power Tolerance   | ±3%              |
| Max.System Voltage  | 1000VDC          |
| Operating Temp.   | -400C to + -850C |
| NOCT  | 47 ± 20C         |
| Temp. Coefficient Isc   | 0.06%/0C         |
| Temp. Coefficient Voc   | -0.34%/0C        |
| Temp. Coefficient Power   | -0.042%/0C       |
| Dimensions  | 1956x992x35mm    |
| Module Class  | Class A(GT)      |
| Net Weight  | 19.5 KGS         |
| Maximum Series Fuse Rating (A)  | 15A              |

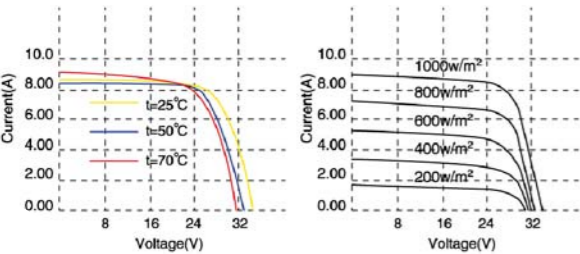


**MONO CRYSTLLINE SOLAR PANELS**  
**GLOW - 350M**

**Mechanical Data**  
Cell Type : Mono 157mm x 157mm  
No. of cells : 78 in series (6 x 13)

**Certificates**  
Safety Class II, IEC61215, IEC61730

**I-V CURES**



**TECHNICAL SPECIFICATIONS**

(STC: Irradiance 1000w/m<sup>2</sup>, module temperate 250C. AM=1.5

|                             |               |
|-----------------------------|---------------|
| Power                       | 350Wp         |
| Open Circuit Voltage (Voc)  | 47.30V        |
| Max. power voltage (Vmp)    | 39.80V        |
| Short Circuit Current (Isc) | 9.46A         |
| Max. power current (Imp)    | 8.80A         |
| Power Tolerance             | ±3%           |
| Max.System Voltage          | 1000VDC       |
| Operating Temp.             | -400C ~850C   |
| NOCT                        | 47 ± 20C      |
| Temp. Coefficient Isc       | 0.06%/0C      |
| Temp. Coefficient Voc       | -0.34%/0C     |
| Temp. Coefficient Power     | -0.042%/0C    |
| Dimensions                  | 2110x992x35mm |
| Module Class                | Class A(GT)   |



**INDUSTRIAL**  
**SWITCHGEAR**

**NIGERIA'S MOST TRUSTED**  
**INDUSTRIAL SWITCHGEAR**  
**COMPANY**



CHANGEOVER SWITCH

SWITCH FUSE UNIT

HRC SWITCH FUSE UNIT

FUSE UNIT



**100 AMP. 415 VOLTS**



**200-1000 AMP. 415 VOLTS**



**32-63 AMP. 415 VOLTS**

## CHANGEOVER SWITCH

A comprehensive range of most affordable and good Changeover Switches with side handle operation find wide application in all general industries where individual system require safe and reliable transfer of power from main supply to standby supply and vice versa.

### CONSTRUCTION AND FEATURES

- Porcelain terminal blocks upto 100A rating are provided for cable termination having excellent mechanical, thermal and dielectric properties.
- Above 100A ratings are also available with knife type blade contacts
- High grade copper used for better conductivity and longer life
- Quick make & break operation
- High mechanical endurance
- Side handles operation
- Enclosed housing to avoid dust ingress
- Double break contacts per pole
- Terminals suitable for Al and copper conductors

**CONFORMS TO:** IS / IES 60947-1&3

**CONFIGURATION:** DP & FP

**RATED VOLTAGE:** 415V

**RATINGS:**

- 16A to 1000A
- 16A to 100A ratings are available in Porcelain base
- 200A to 1000A ratings are available in Knife type contacts
- Above ratings are also available on request

**INSULATION VOLTAGE:** 660V



**100 AMP. 415 VOLTS**



**32 AMP. 415 VOLTS**



**63 AMP. 415 VOLTS**

## SWITCH FUSE UNIT

Hausstrom Group Company manufacturers complete range of GLOW Rewireable Switch Fuse units are offered to suit varied power distribution applications. The heavy duty Switches are fully tested with short circuit breaking capacity of 2kA 7 4kA at 240V & 415V suitable for utilization category AC-22 / 23A & B. Four deep drawn frame sizes covered the rating from DP/TP/TPN/FP-16A to 32A and other ratings in fabricated frames.

### CONSTRUCTION AND FEATURES

- Quick make and break operation
- Complete range ISI marked
- Enclosure made of CRCA Sheet Steel duly pretreated and powder coated
- Hard bright tin plated contacts for high conductivity and longer life
- Terminals suitable for Al & Cu conductors
- Knock-outs are provided at the top, bottom & rear side
- All live parts are fully shrouded with porcelain material
- Door interlocking facility available
- Also available iron clad switches rating from 16A to 63A

**CONFORMS TO:** IS / IEC 60947-1&3

**CONFIGURATION:** SPN & TPN

**RATING:** 16A to 400A

**RATING VOLTAGE:** 240 / 415V

**RATED INSULATION VOLTAGE:** 660V

**SWITCH FUSE RANGE:** 32 A to 400 A in TPN & FP Execution

400 AMP. 415 VOLTS



200 AMP. 415 VOLTS



## HRC SWITCH FUSE UNIT

Hausstrom Group Company manufacturers complete range of GLOW HRC Switch Fuse units are offered to suit varied power distribution applications. The heavy duty Switches are fully tested with short circuit breaking capacity of 2kA 7.4kA at 240V & 415V suitable for utilization category AC-22 / 23A & B. Four fabrication frame sizes covered the rating from TPN 100 to 400 A and other ratings in fabricated frames.

### CONSTRUCTION AND FEATURES

- Quick make and break operation
- Complete range ISI marked
- Enclosure made of CRCA Sheet Steel duly pretreated and powder coated
- Hard bright tin plated contacts for high conductivity and longer life
- Bras Parts suitable for Al & Cu conductors
- All live parts are fully shrouded with DMC material
- Door interlocking facility available
- Also available iron clad switches rating from 100A to 400A

**CONFORMS TO:** IS / IEC 60947-1&3

**CONFIGURATION:** TPN

**RATING:** 100A to 400A

**RATING VOLTAGE:** 240 / 415V

**RATED INSULATION VOLTAGE:** 660V

**SWITCH FUSE RANGE:** 32 A to 400 A in TPN & FP Execution

400 AMP. 415 VOLTS



200 AMP. 415 VOLTS



100 AMP. 415 VOLTS



## FUSE UNIT

Glow Energy rewirable (Porcelain Fuse Carrier & Base) is a most affordable with best quality in its class Fuses from Hausstrom. Hausstrom Group company is one of the largest manufacturers of high quality, reliable performance and low maintenance of Rewirable type Porcelain Fuse Unit ( Kit-Kat). We get our range checked and tested on various parameters as per Indian Standard with the help of our technical professionals to ensure best quality of products.

### CONSTRUCTION AND FEATURES

- Complete range available
- Hard bright tin plated contacts for high conductivity & longer life.
- Terminals suitable for Al & Cu Conductors
- All live parts are fully shrouded with porcelain material
- Base and carrier made of electrical grade porcelain material for longer life









**CONFORMS TO: IS :** 2086

**RATING:** 16A-500A

**RATED VOLTAGE:** 240 / 415V

**RATED INSULATION VOLTAGE:** 660V



-  SOLAR & INVERTER TUBULAR BATTERY
  SMF VRLA BATTERY
-  BOOST UPS PURE SINE WAVE INVERTER
  MONO CRYSTLINE SOLAR PANELS
-  CHANGEOVER SWITCH
  SWITCH FUSE UNIT
-  FUSE UNIT
  HRC SWITCH FUSE UNIT



A PRODUCT OF  
**HAUS STROM** GROUP COMPANY  
 Energizing Your Home & Business

AN ISO 9001:2015 CERTIFIED MANUFACTURED PRODUCTS

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