



SAFETY | SECURITY

Commercial

Industrial

Hospitality

Healthcare

Retail

Residential

IT/ITES

Defence

A graphic showing a hand holding a pen over a laptop, with various icons like gears, a lightbulb, and a checklist overlaid on a grid background.

“From
Small beginnings
come
Great things”

LIST OF OUR PRODUCTS

Emergency Exit Lighting System | Fire & Smoke Curtain | Facility Management

Entrance Control System | Cyber Security



www.briotronix.com



OUR STORY

WHAT WE DO?

We manufacture and distribute products which safe guards your staff, infrastructure, your assets and data – the four main sinews of an organization.

FOCUS

We are committed to enhancing our customer's success with **responsiveness, quality and service** that sets the **industry standard.**

Briotronix was founded by the industry veterans with the sole aim of manufacturing and distributing products that ensures the safety of the four main sinews of an organisation – the people, the data, the infrastructure and its assets.

With our deep engineering expertise in software and hardware, coupled with domain experience gained in the industry, we are striving hard to deliver economical safety & security products with outstanding quality.

For Briotronix, quality is not just a word but a lifestyle and means of survival and growth.



STRATEGY & VISION

Our vision is to become the finest Indian original equipment manufacturer of top-quality products. We strive to be the supplier of choice whenever our type of products is being sought in the market.

This vision has been imbibed in all our employees' minds and we dedicate ourselves to ensure the vision is been achieved continuously again in our journey to become one of the finest in the manufacturing industry



CORE VALUES AND PRINCIPLES

We understand that we cannot be successful unless our customers are successful Exceeding customer expectations for value and service, building long lasting relationships and long-term satisfaction are few key ideologies that defines us and helps to identify and prioritize our responsibilities. We understand the value of continual improvement and commitment to our most valuable asset, our people.

EMERGENCY LED LIGHT



WALL MOUNT



Model No: EXL-LED-W

Exit Light is a luminaire, that indicates and assists the identification of escape routes.

CEILING MOUNT



Model No: EXL-LED-C

Emergency lighting is a vital and effective life safety tool, providing reassurance and guidance to people at critical times when they need to escape quickly and safely from a building.

EMERGENCY LIGHTING SYSTEM

FEATURES

Exlite series emergency LED exit signages get switched on upon failure of main power supply and provides illumination through the battery source for a standard duration of 2 hours. It automatically gets recharged upon resumption of main power supply.

Aesthetically designed with care and elegance



Uniformly illuminated without hot spots, giving the luminaire a flawless finish.



Highest quality and standards.



Clear frame and low profile ensures seamless integration into the surrounding architecture.



Technical Specifications

TYPE	Wall mount	Ceiling Mount
Model No	EXL - LED - W	EXL - LED - C
Body	C.R.C.A Sheet Steel – 22 S.W.G	Made up of uniformly extruded aluminium alloy.
Message Panel	CAD Designed & Cut vinyl on 2 M. M. thick milky White acrylic panel.	CAD Designed printing /itching / engraving on 10 M. M. clear acrylic sheet
Dimensions	360 mm (W) * 180 mm (H)	300 mm (W) * 180 mm (H)
Ingress Protection	IP – 20	
Paint & Colour	Epoxy polyester powder coating, White in colour.	Epoxy polyester powder coating/ white in color
Input	~ 230 Volts, 50 Hz.	
Mains Connector	5A, 250 Volts, Polycarbonate with electrical grade brass contacts	5A, 250 Volts, PCB Mount with electrical grade brass contacts.
Mounting	On wall through 2 Nos. of Holes	Ceiling with 2 Nos. of hooks
Confirms to	IS: 9583 – 1981.	
Weight	~ 2 kg	~ 1 kg
Tube Type	Multiple LED's	
Lamp	5W	
LED Make	Seoul/Osram/Lumiled/Ever Light	
Type	Rechargeable; Ni-Cd / Ni-Mh	
Duration	120 minutes backup; + 10%	
Recharging Cycle	16 – 24 hours recharging period	



Model No: IEL-EL-01



Model No: IEL-EBL-02

FEATURES:

- Rugged electronic analogue control circuit.
- More power in fumes while fire with 9WX2 nos of LED beam light(light angle 30°)with individual on/off selection .
- Advanced embedded day night control to protect lamp burning in day time with on I off selection .
- Healthy CCCV charger to enhance battery life.
- 180° Lamp tilting ensures light distribution as your need with 200 feet light beam reach.
- Rigid construction with dual color power coated steel enclosure to withstand any atmospheric condition .
- IP65, IP68 models can be done on request.
- Mostly suits for fire safety light as per international standards.
- EXIT red LED sign produces bright display even at fumes

TECHNICAL SPECIFICATIONS - MODEL NO: IEL - E - 01

Input	Input Voltage	230VAC +/- 15%
	Frequency	47 - 53 Hz
	Power Factor	0.80
	Power consumption	10 Watts(app)
Output	Switching Device	MOSFET
	Lamps	9W X 2 nos
	Lamp type	LED
	Lamp volt	12V, DC
DC	Battery	12V,7 AH
	Battery Type	VRLA,SMF
Sensor	Day night controller	LDR(Light dependent Resistor)
Cooling	Natural cooling	
	Operating Temp	0-40°C
Electronic Protection	Low Battery	LED (Red)
	Full Charge	over charge cut off
General	Fuse Protections	AC Input fuse DC output fuse
	Light on time when mains fail	Less than 1 sec
	Light off time when mains present	1 Second
	Charging Time	8 Hrs (app)



Model No: IEL-EBL-01



Model No: IEL-EL-02

* Specifications may change with out prior notice



POWER SUPPLY WITH BATTERY BACKUP - SMPS



Specifications:

All these parameters are specified at 230V AC input

- High efficiency, High reliability, Low cost.
- AC input voltage range 170 - 270V AC
- Built-in input over voltage protection.
- Low Ripple and Noise.
- Compact, Light weight.
- Momentary output short circuit protection.
- 100% Full load burn-in test.
- Built - in battery charging provision.
- Low battery cut off provision, to prevent the battery drain condition.
- Constant current charging for Battery.

Technical Parameters		Model	
		BPS-SA-240507	BPS-SA-120507
Input Characteristics	Input Voltage	170-270 VAC	
	Input Frequency	47 - 63 Hz	
	Efficiency	88%	
	AC Current	0.7Amp (230 VAC)	
	Inrush Current	35 Amp (230 VAC)	
	Leakage Current	Less than 3.5mA	
	Input Connector	3-pin plug	
Output Characteristics	Output Voltage	24 - 26VDC	12-13VDC
	Output Current	5A	
	Output Power	120 W	60w
Input Protections		Red Protected upto 320VAC	
		Thermal Overload : Protected , Auto Recovery.	
		1.5Amp, 20mm fast blow, Glass fuses.	
		MOV for input over voltage protection.	
LED Indications	Ac power	Yellow	
	Output	Green	
	Battery	Blue	
	Low Battery	Red	
Output Connector & Battery Connector		2-pin screw type connector.	
Protection	Low Battery cut off	20.00V	10.40v
	Output Over Voltage Protected	29VDC	15vdc
Regulation	Line Regulation	0.5% (FULL LOAD)	
	Load Regulation	1% (230VAC IP)	
	Ripple and Noise	1 % P-P.	
Isolation	1/P - O/P	3000V AC	
	I/P - Earth	2000V AC	
	O/P - Earth	1000V AC	
Environmental Characteristics	Operating Temperature	-20 to 50DEG C	
		70 C at 60% Load	
	Cooling	Forced cooling	
	Relative Humidity	20-90 RH Non Condensing	
General Characteristics	Dimension (L X H XD) mm	(310 X 310 X 98)	(232 X 300 X 112)
	Mounting	Wall Mounting	
Recommended Battery	Battery Sealed	Lead Acid Battery	
	Quantity in Serious	2 Nos	1 Nos
		Battery link provide, Fuse Protected	

* For continuous improvement, specifications are subject to change.

Note: SMPS Shutdown if I/P less than 80VAC,

Resumes operation when I/P is Between 80VAC - 270VAC & 80 VAC - 170 VAC

Unit gives O/P in 50 % Power





POWER SUPPLY WITH BATTERY BACKUP - LINEAR



SPECIFICATIONS:

All these parameters are specified at 230V AC input

- High efficiency, High reliability, Low cost.
- AC input voltage range 230VAC, +/-30V
- Built-in input over voltage protection.
- Low Ripple and Noise.
- Compact, Light weight.
- Momentary output short circuit protection.
- 100% Full load burn-in test.
- Built - in battery charging provision.
- Low battery cut off provision, to prevent the battery drain condition.
- Constant current charging for Battery.

Technical Parameters		Model	
		BPS-TA-240507	BPS-TA-120507
Input Characteristics	Input Voltage	230VAC	
	Input Frequency	50 Hz	
	Input Connector	3-pin plug	
Output Characteristics	Output Voltage	24 VDC	12 VDC
	Output Current	5A	
	Output Power	120 W	60w
Input Protections		1.5Amp, 20mm fast blow, Glass fuses.	
		MOV for input over voltage protection.	
LED Indications	Ac power	Yellow	
	Output	Green	
	Battery	Blue	
	Low Battery	Red	
Output Connector & Battery Connector		2-pin screw type connector.	
Protection	Low Battery cut off	20.00V	10.40v
	Output Protection	Over Voltage Protection	
Regulation	Line Regulation	<+/- 0.5%	
	Load Regulation	<+/- 0.5%	
	Ripple and Noise	30mVp-p	
General Characteristics	Efficiency	60%	
	Dimension (L X H XD) mm	(310 X 310 X 98)	(230 X 300 X 110)
	Mounting	Wall Mounting	
Environmental Characteristics	Operating Temperature	55C at full load	
		70 C at 60% Load	
	Cooling	Forced cooling	
	Relative Humidity	90% NC	

* For continuous improvement, specifications are subject to change.



OUR CLIENTS



OUR PRODUCTS

EMERGENCY LIGHTING SYSTEM



POWER SUPPLY

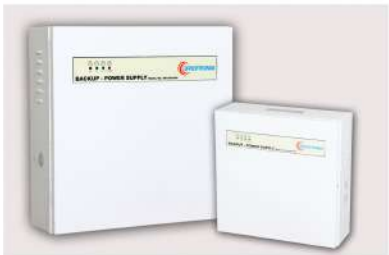


FIRE & SMOKE CURTAINS



INDUSTRIAL
EMERGENCY LIGHT

CYBER SECURITY



AUTOMATIC
VEHICLE BOOM BARRIERS



PEDESTRIAN GATES



PERIMETER
SECURITY BOLLARDS



AUTOMATIC
SWING DOOR OPERATORS



AUTOMATIC
SWING GATE OPERATORS



AUTOMATIC
SLIDING DOOR OPERATORS



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