

# GARUDA GREEN SOLUTIONS

## BESS for workstations

A portable and scalable solution for illuminating remote workstations. Ranging from 15,000 to 30,000 lumens, this durable and maneuverable system ensures reliable lighting with a 3-hour backup, high-quality materials, and a 5-year minimal lifespan.



### Portability and Maneuverability

Designed for ease of use, the system has compact overall dimensions (Width 2.5ft, Length 2.5ft, Height 4ft) and can be handled and loaded onto a pickup truck by two persons.



### Scalable Illumination

The BESS system offers scalable illumination options, ranging from 15,000 to 30,000 lumens, catering to different lighting requirements.



### Durable and Long-lasting Design

The system features a high-quality aluminum enclosure with IP52 protection, ensuring durability and resistance to rust. With a lifespan of at least 5 years (2500 cycles).

## CONTACT US

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### **Application:**

- Mobile BESS system to light up work stations at remote locations where power source is not available.

### **Solution:**

GPPL BESS system ranging from 15000 Lumens to 30000 lumens,  
Telescopic mast from ground to light head ranging from 4ft to 12Ft.

Weight would be proportionate to the lighting lumination and period of back up

1. Lumination of 15000 lumens: with 3 nos. DC lamps of 60W \* 24 V each

Weight below 50 KG:: 3 hr. back up.

The weight will go up propionate to period of back up.

2. Lumination of 20000 lumens: with 4 nos. DC lamps of 60W \* 24 V each

Weight below 60 KG:: 3 hr. back up.

The weight will go up propionate to period of back up.

3. Lumination of 30000 lumens: with 6 nos. DC lamps of 60W \* 24 V each

Weight below 70 KG:: 3 hr. back up.

The weight will go up propionate to period of back up.

### **Features:**

- Overall Dimension would be within:: Width 2.5ft: length 2.5 ft.: Height 4ft.
- Can be handled and loaded onto a pick up by two persons.
- Can be manually towed at location
- Charging station: 220 V single phase: safe for operation
- Charging time would be 3.5 hrs. – 4 hrs. from optimal discharge level
- Low voltage charging provided for safety purpose
- High quality Aluminium enclosure with IP52 protection to ensure long life and no rusting.
- High quality trolley for easy movement on level grounds.
- 2500 cycles which would amount to a minimal life span of 5 years
- Warranty on battery would be for 3 years from date of delivery
- Warranty on other components would be 1 year from date of delivery