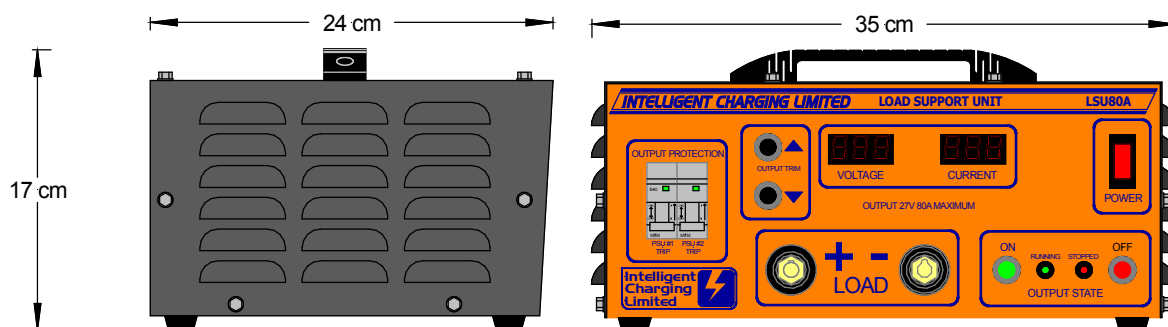




## LSU80A Load Support Unit Technical Specifications



### Mains Input:

- 110-240VAC
- 50-60Hz
- 2.5KW Max

### Outputs:

Voltage	10.0V Minimum 27.0V Maximum
Current	80A Maximum

### Overload Protection:

- 105% - 125% of output power
- Constant power to 75% of set output voltage then output shuts down
- Recycle AC to reset

### Short Circuit Protection:

- Output latches off
- Recycle AC to reset

### Meter Accuracy:

- Voltage Accuracy  $\pm 0.2V$
- Current Accuracy  $\pm 1.0A$

### Environmental:

- Temp Operating  $0^{\circ}C \sim 40^{\circ}C$
- Temp Storage  $-10^{\circ}C \sim 60^{\circ}C$
- Humidity 20% - 90% non condensing
- Altitude 0 to 3000 meters

### IP Rating:

- Operating IP33

### General:

- Can support both 12V and 24V systems
- Maximum current of 80A
- Voltage can be trimmed to offset cable drops
- Output controlled by run and stop buttons
- 1 year RTB warranty

### Display:

- Battery volts, amps & time displayed on a clear display

### Weight:

- 15Kg ( 33Lbs )

### Dimensions:

- 17 x 35 x 24 cm ( 6.7 x 13.8 x 9.4 inch)

### Maintenance:

- Field calibration possible, no need to return unit for calibration

To discuss your battery charging and testing requirements, and to discover how a standard or bespoke Intelligent Charging solution would help your operations, contact:

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