

# CU Series



## EXB Series

The Central Unit Emergency Lighting is centralize system for 12 - 24 VDC. Load that can install Remote Head Lamp in the wide and separate area.

## Specification

|                   |  |
|-------------------|--|
| Mode of Operation | : Non - Maintained   |
| Lamp              | : Tungsten Halogen or Dichroic Halogen or Incandescent   |
| Main Supply       | : AC 220 Volt, 50 Hz, 10% - Single Phase   |
| Construction      | : Electro-Galvanized steel sheet 1 mm. with epoxy powder and stove enamel coated anti-rust corrosion proof   |
| Battery           | : • Sealed lead acid battery, based on ISO 9001, ISO 14001 certified and UL<br>• Single cell - sealed lead acid battery (2 Volt)   |
| Chargers          | : Solid state system automatic battery charger   |
| Charging Period   | : 15-20 Hours as Required  |
| Safety Features   | : • Low - High voltage cut-off, preventing battery over discharge and recharge Safety Features<br>• AC fuse - preventing short circuit and overload for main incoming AC 220 Volt<br>• DC fuse - preventing short circuit and overload for charging<br>• DC Load fuse - preventing short circuit and overload for Lamp Load  |
| Accessories       | : • LED " AC " indicates main incoming AC 220 Volt<br>• LED " Charge " indicates Charging status<br>• LED " Backup " indicates backup status<br>• LED " FULL " indicates Full battery status<br>• LED " Short Circuit " indicates Over charge<br>• LED " Load 1-10 " indicates On load status<br>• DC Voltmeter indicates DC battery voltage<br>• DC Ammeter indicates DC charge current |

**CU Series  
(Output 12 VDC)**

| MODEL       | DC 12 VOLT.<br>LOAD(Max) | BATTERY            | DURATION<br>(Hrs.) _+10% | DIMENSION<br>W x L x H (cm) | FIGURE |
|-------------|--------------------------|--------------------|--------------------------|-----------------------------|--------|
| CU 07 - 12  | 35 Watt                  | 12V. 7.2 Ah.       | 2                        | 29.5 x 8.5 x 21             | C      |
| CU 12 - 12  | 55 Watt                  | 12V. 12 Ah.        |                          | 29.5 x 8.5 x 21             |        |
| CU 15 - 12  | 70 Watt                  | 12V. 15 Ah         |                          | 37 x 8.5 x 26               |        |
| CU 18 - 12  | 85 Watt                  | 12V. 18 Ah.        |                          |                             |        |
| CU 21 - 12  | 100 Watt                 | 12V. 21 Ah.        |                          |                             |        |
| CU 23 - 12  | 110 Watt                 | 12V. 24 Ah.        |                          |                             |        |
| CU 26 - 12  | 120 Watt                 | 12V. 26 Ah.        |                          |                             |        |
| CU 35 - 12  | 160 Watt                 | 12V. 35 Ah.        |                          |                             |        |
| CU 40 - 12  | 180 Watt                 | 12V. 40 Ah.        |                          | 37 x 18 x 26                |        |
| CU 65 - 12  | 300 Watt                 | 12V. 65 Ah.        |                          |                             |        |
| CU 78 - 12  | 350 Watt                 | 12V. 78 Ah.        |                          | 45 x 20 x 50                |        |
| CU 100 - 12 | 450 Watt                 | 12V. 100 Ah.       |                          |                             |        |
| CU 120 - 12 | 550 Watt                 | 12V. 120 Ah.       |                          |                             |        |
| CU 150 - 12 | 700 Watt                 | 12V. 150 Ah.       |                          |                             |        |
| CU 180 - 12 | 850 Watt                 | 12V. 180 Ah.       | 2                        | 60 x 40 x 70                | A      |
| CU 200 - 12 | 950 Watt                 | 12V. 200 Ah.       |                          |                             |        |
| CU 225 - 12 | 1,050 Watt               | 12V. 225 Ah.       |                          |                             |        |
| CU 250 - 12 | 1,100 Watt               | 12V. 250 Ah.       |                          |                             |        |
| CU 300 - 12 | 1,400 Watt               | 12V. 150 Ah.<br>x2 |                          |                             |        |
| CU 400 - 12 | 1,900 Watt               | 12V. 200 Ah.<br>x2 |                          |                             |        |

**(Output 24 VDC)**

| MODEL       | DC 12 VOLT.<br>LOAD(Max) | BATTERY      | DURATION<br>(Hrs.) _+10% | DIMENSION<br>W x L x H (cm) | FIGURE |
|-------------|--------------------------|--------------|--------------------------|-----------------------------|--------|
| CU 07 - 12  | 70 Watt                  | 24V. 7.2 Ah. | 2                        | 29.5x14.5x21                | C      |
| CU 12 - 12  | 110 Watt                 | 24V. 12 Ah.  |                          |                             |        |
| CU 15 - 12  | 140 Watt                 | 24V. 15 Ah.  |                          |                             |        |
| CU 18 - 12  | 170 Watt                 | 24V. 18 Ah   |                          | 37 x 18 x 26                |        |
| CU 21 - 12  | 200 Watt                 | 24V. 21 Ah.  |                          |                             |        |
| CU 23 - 12  | 220 Watt                 | 24V. 24 Ah.  |                          |                             |        |
| CU 26 - 12  | 240 Watt                 | 24V. 26 Ah.  | 2                        | 45 x 20 x 50                | B      |
| CU 35 - 12  | 330 Watt                 | 24V. 35 Ah.  |                          |                             |        |
| CU 40 - 12  | 360 Watt                 | 24V. 40 Ah.  | 2                        | 60 x 40 x 70                | A      |
| CU 65 - 12  | 600 Watt                 | 24V. 65 Ah.  |                          |                             |        |
| CU 78 - 12  | 700 Watt                 | 24V. 78 Ah.  |                          |                             |        |
| CU 100 - 12 | 900 Watt                 | 24V. 100 Ah. |                          |                             |        |
| CU 120 - 12 | 1,100 Watt               | 24V. 120 Ah. |                          |                             |        |
| CU 150 - 12 | 1,400 Watt               | 24V. 150 Ah. |                          |                             |        |
| CU 180 - 12 | 1,700 Watt               | 24V. 180 Ah. |                          | 60 x 40 x 100               |        |
| CU 200 - 12 | 1,900 Watt               | 24V. 200 Ah. |                          |                             |        |
| CU 225 - 12 | 2,100 Watt               | 24V. 225 Ah. |                          |                             |        |
| CU 250 - 12 | 2,400 Watt               | 24V. 250 Ah. |                          |                             |        |