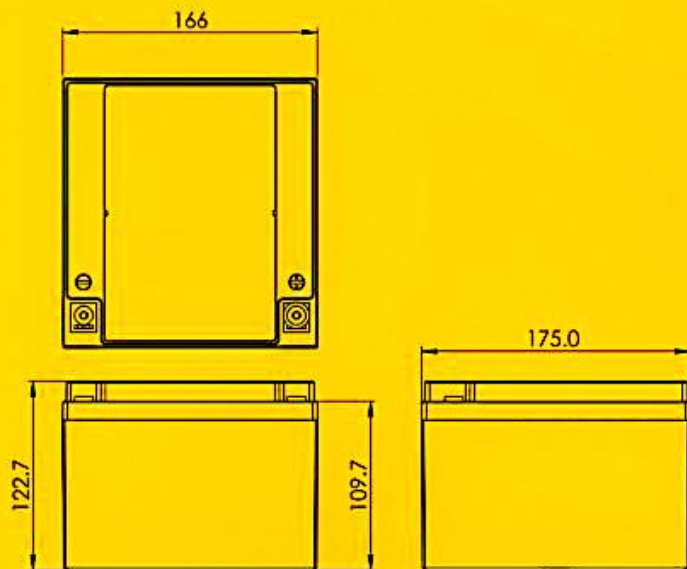


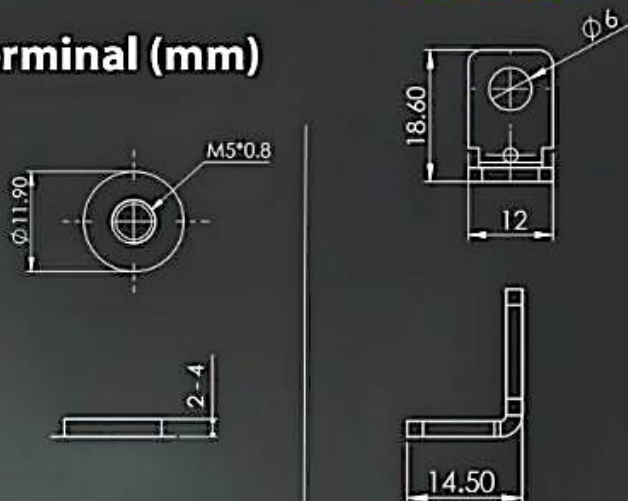
# 12V-28Ah/C20



## Dimension (mm)



## Terminal (mm)



### APPLICATIONS

- UPS
- Wheelchairs
- Lawn Mowers
- Electrical Medical Equipments

ISIRI 4868-21/22 . IEC 60896-21/22

ISIRI 4280-1 . IEC 61056-1

### SPECIFICATION

- Absorbent Glass Mat technology for efficient gas recombination
- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- The battery is designed for high power & high cyclic usage
- Flame retardant ABS (optional) /ABS

| Specification             |                              |               |
|---------------------------|------------------------------|---------------|
| Nominal Voltage           |                              | 12V           |
| Rate Capacity (20hr rate) |                              | 28Ah          |
| Dimension                 | Total Height (With terminal) | 122.6mm       |
|                           | Height                       | 122.6mm       |
|                           | Length                       | 175mm         |
|                           | Width                        | 166mm         |
| Weight                    |                              | Approx. 9.5Kg |

| Characteristics                  |                                 |                                                 |
|----------------------------------|---------------------------------|-------------------------------------------------|
| Capacity (25°C)                  | 20hr rate (1.4A)                | 28Ah                                            |
|                                  | 10hr rate (2.6A)                | 26Ah                                            |
|                                  | 5hr rate (4.48A)                | 22.4Ah                                          |
|                                  | 1hr rate (16.8A)                | 16.8Ah                                          |
|                                  | 15min rate (44.8A)              | 11.2Ah                                          |
| Internal Resistance              |                                 | Full charged battery                            |
| Capacity affected by temperature | 40°C                            | 102%                                            |
|                                  | 25°C                            | 100%                                            |
|                                  | 0°C                             | 85%                                             |
|                                  | -15°C                           | 65%                                             |
| Self Discharge (25°C)            | Capacity after 3 month storage  | 91%                                             |
|                                  | Capacity after 6 month storage  | 81%                                             |
|                                  | Capacity after 12 month storage | 63%                                             |
| Max Discharge Current (25°C)     |                                 | 280A(5S)                                        |
| Charge (Constant Voltage)        | Cyclic use                      | Initial Charging Current less than 7A (0.25C20) |
|                                  |                                 | Voltage 14.4~14.8V / (25°C)                     |
|                                  | Standby use                     | Voltage 13.6~13.8V / (25°C)                     |