

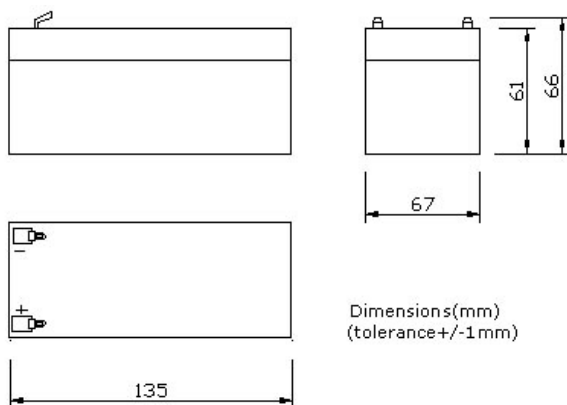
# EnergiVm

CE  MH 28269

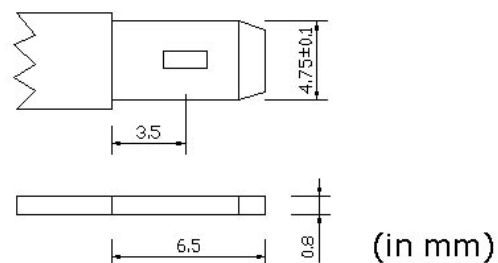
MV1232(12V3.2AH)

## PHYSICAL SPECIFICATION

|                                            |                  |                           |
|--------------------------------------------|------------------|---------------------------|
| Nominal Voltage<br>Nominal Capacity (20HR) |                  | 12V<br>3.2Ah              |
| Dimension                                  | Length           | 135±1mm (5.31 inches)     |
|                                            | Width            | 67±1mm (2.64 inches)      |
|                                            | Container Height | 61±1mm (2.40 inches)      |
|                                            | Total Height     | 66±1mm (2.60 inches)      |
| Weight                                     |                  | Approx. 1.33 Kg (2.93lbs) |
| Standard Terminal                          |                  | F1-Fasten Tab No.187E     |



F1(Fasten Tab No.187E)  
Standard Terminal



## ELECTRICAL SPECIFICATION

| Characteristics                  |         |                                                                                                                      | Discharge curves @ 25℃ (77 ° F)               |                                                                                                                                                                                                                                                                                             |
|----------------------------------|---------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Capacity                         |         | 20 hour rate (0.165A)<br>10 hour rate (0.297A)<br>5 hour rate (0.561A)<br>3 hour rate (0.825A)<br>1hour rate (1.98A) | 3.2Ah<br>3.13Ah<br>2.81Ah<br>2.48Ah<br>1.98Ah | <div>Discharge Characteristics(25℃/77 ° F)</div> <p>13.2<br/>12.6<br/>12.0<br/>11.4<br/>10.8<br/>10.5<br/>10.2<br/>9.6<br/>9.0<br/>8.4<br/>7.8</p> <p>0 1 5 10 20 30 60 2 3 5 10 20</p> <p>9.9A 6.6A 3.3A 1.98A 0.825A 0.561A 0.297A 0.165A</p> <p>Normal Booster</p> <p>Discharge Time</p> |
| Capacity affected by temperature |         | 40℃ (104 °F)<br>25℃ (77 °F)<br>0℃ (32 °F)                                                                            | 102%<br>100%<br>85%                           |                                                                                                                                                                                                                                                                                             |
| Internal Resistance              |         | Full charged battery (25℃,77 °F) 45m Ω                                                                               |                                               |                                                                                                                                                                                                                                                                                             |
| Constant Voltage Charge          | Cycle   | Initial Charging Current less than 0.99A<br>Voltage 14.4~15.0V at 25℃ (77 °F )<br>Temperature Coefficient -30mV/℃    |                                               |                                                                                                                                                                                                                                                                                             |
|                                  | Standby | No limit on Initial Charging Current<br>Voltage 13.5~13.8V at 25℃ (77 °F )<br>Temperature Coefficient -20mV/℃        |                                               |                                                                                                                                                                                                                                                                                             |