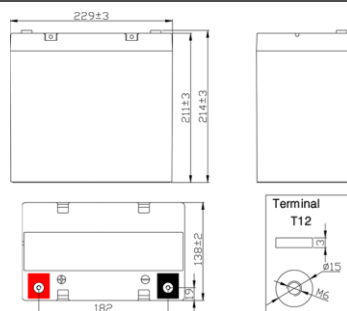


# Batería Sellada de Acido AGM/VRLA (12V 55Ah)

Modelo: PL5512FR

**epcom**  
POWER LINE



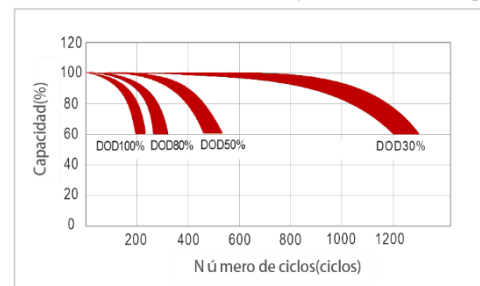
## Especificaciones

|                                             |              |                   |
|---------------------------------------------|--------------|-------------------|
| Voltaje Nominal                             |              | 12 Vcc            |
| Capacidad Nominal 25° C (77°F) (por 20 Hrs) |              | 55 Ah             |
| Dimensiones<br>(mm / inch)                  | Largo        | 229 (9.02)        |
|                                             | Ancho        | 138 (5.43)        |
|                                             | Altura       | 211 (8.31)        |
|                                             | Altura total | 214 (8.43)        |
| Peso aproximado                             |              | 16.5kg (36.4 lbs) |
| Terminales                                  |              | T12               |

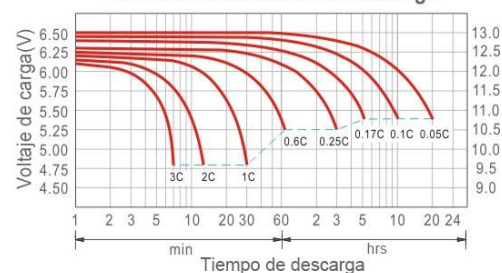
## Características

|                                                                   |                                             |                                                   |
|-------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------|
| Capacidad<br>25° C (77° F)                                        | 20Hrs Velocidad (2.948A to 10.8V)           | 58.9 Ah                                           |
|                                                                   | 10Hrs Velocidad (5.555A to 10.8V)           | 55.5 Ah                                           |
|                                                                   | 5Hrs Velocidad (9.510A to 10.8V)            | 47.5 Ah                                           |
|                                                                   | 1Hrs Velocidad (34.82A to 10.5V)            | 34.8 Ah                                           |
| Resistencia interna                                               | Batería Totalmente Cargada<br>25° C (77° F) | Aprox. 8.0mΩ                                      |
|                                                                   | 40° C (104° F)                              | 107 %                                             |
|                                                                   | 25° C (77° F)                               | 100 %                                             |
|                                                                   | 0° C (32° F)                                | 76 %                                              |
| La temperatura depende<br>de la capacidad<br>(20 Hrs promedio)    | 85 %                                        |                                                   |
|                                                                   | -20° C (4° F)                               | 46 %                                              |
|                                                                   | 3 meses en el almacen                       | 90 %                                              |
|                                                                   | 6 meses en el almacen                       | 80 %                                              |
| Auto<br>descarga<br>20° C (68°<br>F)<br>(Después de la capacidad) | 12 meses en el almacen                      | 60 %                                              |
| Corriente máxima de descarga, 25° C (77° F)                       |                                             | 440A (5 seg)                                      |
| Vida diseñada con carga flotante, 25° C (77° F)                   |                                             | 10 años                                           |
| Voltaje constante de<br>carga, 25°C (77° F)                       | Ciclo                                       | 14.4~14.7V (-24mV/°C)<br>Corriente máxima: 16.5 A |
|                                                                   | Flotante                                    | 13.6-13.8V (-18mV/°C)                             |

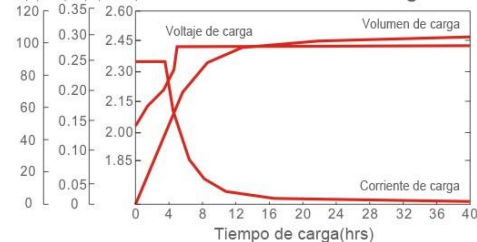
Ciclo de vida útil en relación con la profundidad de descarga



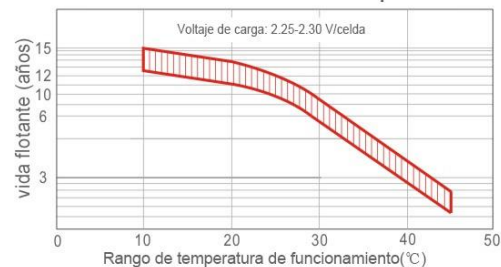
Curva Característica de Descarga



Curva característica de carga



Vida útil del flotador frente a temperatura



## Características de la Corriente Constante de Descarga (A), 25° C (77° F)

| F.V/Tiempo | 5min  | 10min | 15min | 30min | 60min | 2Hrs  | 3Hrs  | 5Hrs  | 8Hrs  | 10Hrs | 20Hrs |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.60V      | 184.3 | 118.3 | 96.25 | 61.88 | 35.75 | 21.37 | 14.78 | 9.917 | 6.831 | 5.775 | 3.168 |
| 1.70V      | 162.3 | 107.3 | 92.13 | 60.23 | 35.26 | 21.09 | 14.60 | 9.801 | 6.721 | 5.665 | 3.058 |
| 1.75V      | 145.8 | 99.00 | 87.18 | 58.58 | 34.82 | 20.82 | 14.44 | 9.653 | 6.655 | 5.610 | 3.003 |
| 1.80V      | 126.5 | 89.65 | 81.68 | 56.32 | 34.10 | 20.53 | 14.16 | 9.510 | 6.556 | 5.555 | 2.948 |

## Constant Wattage Discharge Characteristics (Watt,25°)

| F.V/Tiempo | 5min  | 10min | 15min | 30min | 60min | 2Hrs  | 3Hrs  | 5Hrs  | 8Hrs  | 10Hrs | 20Hrs |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.60V      | 317.8 | 210.9 | 174.9 | 115.5 | 68.52 | 41.67 | 29.32 | 19.72 | 13.59 | 11.50 | 6.331 |
| 1.70V      | 286.6 | 194.8 | 169.7 | 113.4 | 67.87 | 41.31 | 29.03 | 19.54 | 13.41 | 11.31 | 6.116 |
| 1.75V      | 261.1 | 182.3 | 162.0 | 111.3 | 67.31 | 40.94 | 28.78 | 19.29 | 13.31 | 11.22 | 6.006 |
| 1.80V      | 229.8 | 167.3 | 153.1 | 107.9 | 66.21 | 40.72 | 28.30 | 19.02 | 13.11 | 11.11 | 5.896 |