

# Switch to Lead Carbon Batteries

**Maintenance Free, Designed for Partial State of Charge**



\* battery cases may also come in green

## PSOC Applications:

- Off-Grid Cabins, Homes & Grid-Tie Battery Back-up
- Recreational, Electric & Hybrid Vehicles
- Marine Battery Replacement

## Features:

- Specifically Designed for Partial State of Charge Applications
- 2800 cycles @50% Depth of Discharge
- Precision Sealing Technology
- Suitable for Cold Temperature Usage
- 98% Recyclability



[www.switchenergy.ca](http://www.switchenergy.ca)

## SWE12-100

**2800 cycles @50%  
Depth of Discharge**

## Specifications:

Nominal Voltage: 12V

Nominal Capacity: 100Ah(20hr)

Weight: 28.5kg(62.8lbs)

Dimensions: 33×17×22cm(13×6.7×8.5")

Group 31

Max Charge Current: 30A

Rec. Charge Current: 10 - 15A

Float Charge: 13.4V

Absorp. Charge: 14.4V

Charging Based on 25°C

Temp. Coefficient :

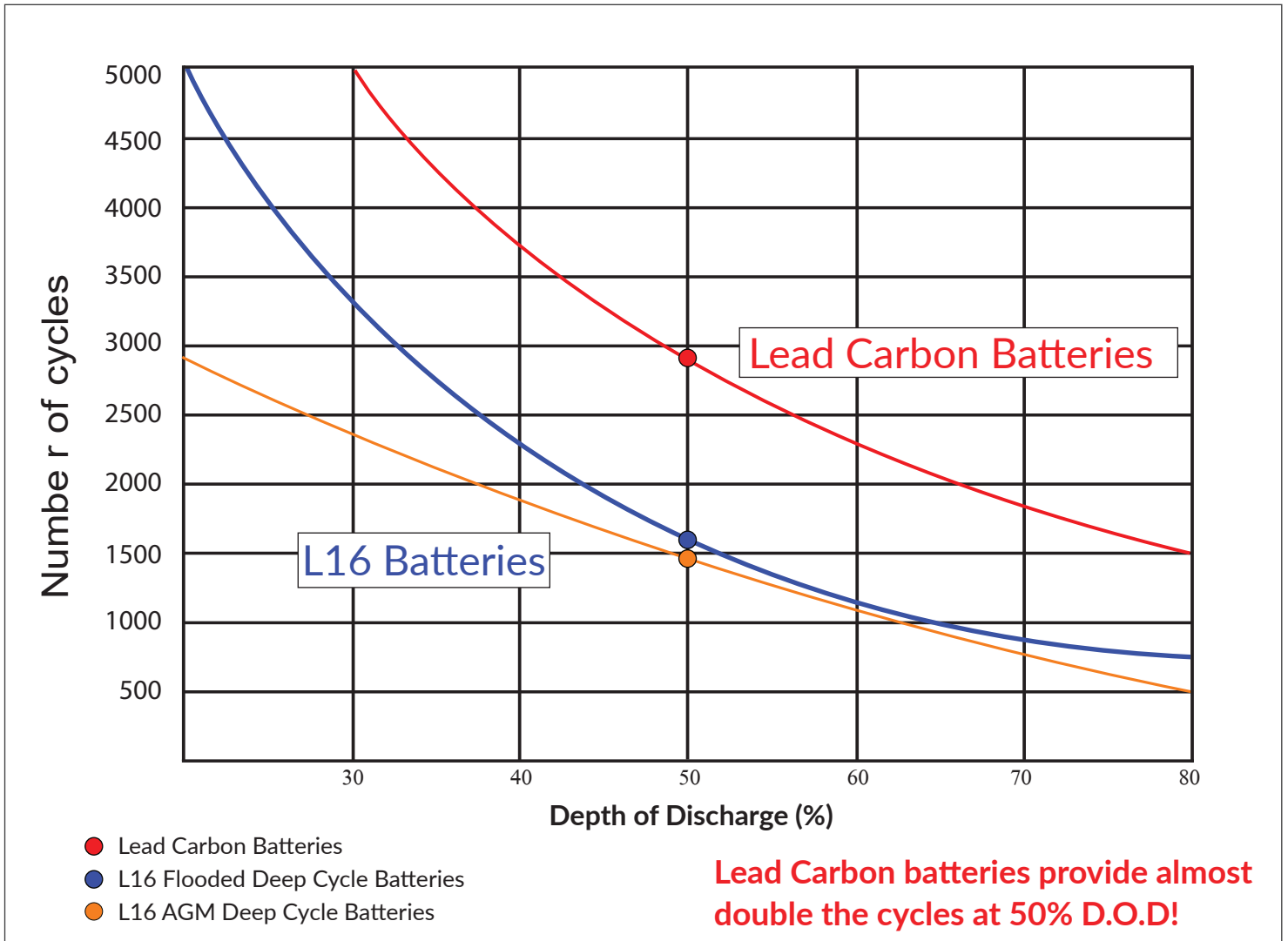
-3mv/cell/°C , -18mv/°C/battery

### Operating Temperatures:

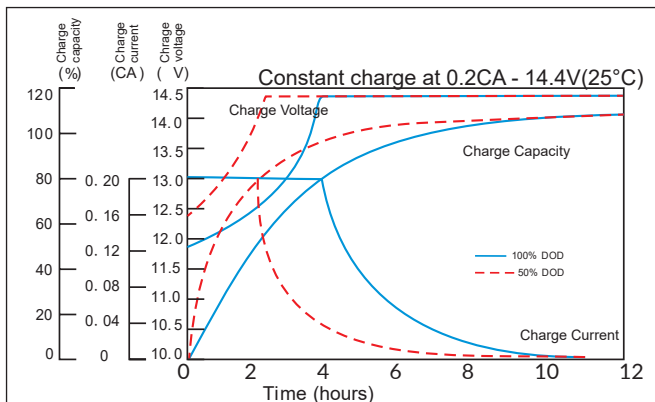
Charge: -20 - 50 °C

Storage: -20 - 50 °C

Discharge: -40 - 60 °C



### Charging Characteristics



### Discharge Characteristics

