

# Switch to Lead Carbon Batteries

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



\* battery cases may also come in grey

## 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)

## SWE12-42

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

## Specifications:

Nominal Voltage: 12V

Nominal Capacity: 42Ah(20hr)

Weight: 13.2kg(29.1lbs)

Dimensions: 20×16.5×17cm (13×6.7×7")

Max Charge Current: 9.5A

Rec. Charge Current: 3.8A

Float Charge: 13.4V

Absorp. Charge: 14.4V

Charging Based on 25°C

Temp. Coefficient :

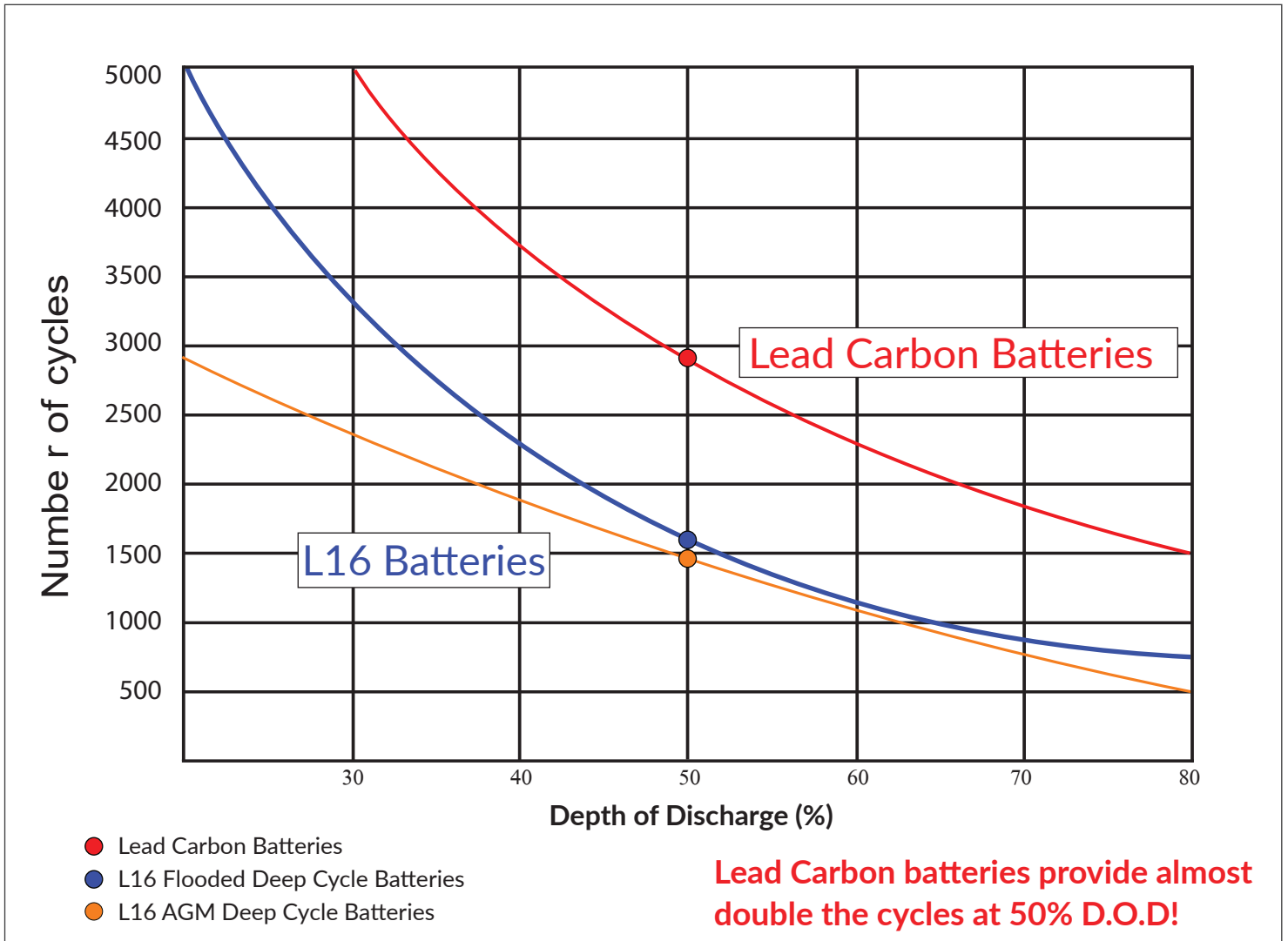
-3mv/cell/°C & -18mv/°C/battery

### Operating Temperatures:

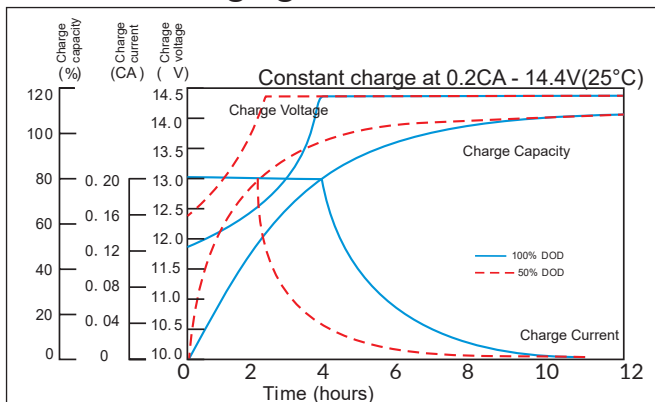
Charge: -20 - 50 °C

Storage: -20 - 50 °C

Discharge: -40 - 60 °C



## Charging Characteristics



## Discharge Characteristics

