

POWERHOUSE
Carbon+

36*
MONTH
WARRANTY

LEAD CARBON



LEAD CARBON TECHNOLOGY
ADVANCED DEEP CYCLE BATTERY
RESISTANCE TO SULFATION



WHY GO CARBON+

The PowerHouse Carbon+ range offers proven PowerHouse AGM Deep Cycle reliability, coupled with the advancement of an added mixture of carbon on the negative plate.

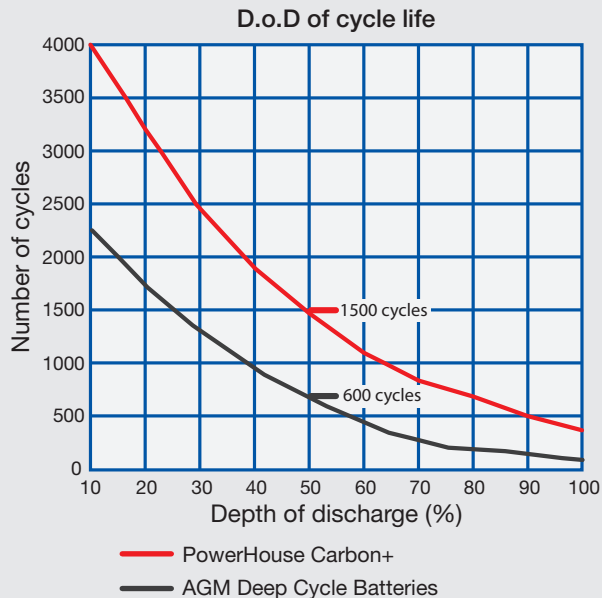
This combination is proven to deliver superior cycle life, resistance to sulfation, and higher charge acceptance.

The Carbon+ range is ideal for all cyclic applications including leisure and solar use.

FEATURES

- 36 Month Warranty*
- Lead Carbon Technology
 - » Superior cycle life - 1,500 cycles at 50% DoD
 - » Resistance to sulfation for longer service life
 - » High charge acceptance = high efficiency - up to 0.3C
 - 0% > 100% in 12 hours
 - 50% > 100% in 6 hours

LEAD CARBON vs AGM DEEP CYCLE BATTERIES



CHOOSE YOUR LEAD CARBON BATTERY

BATTERY SPECIFICATIONS

	PH+C12/100	PH+C12/120	PH+C12/200
Voltage	12V	12V	12V
Capacity @C20, 10.5V	100Ah	120Ah	218Ah
Capacity @C10, 10.5V	94Ah	110Ah	200Ah
Capacity @C5, 10.5V	85Ah	100Ah	184Ah
Capacity @C1, 9.6V	62Ah	75Ah	136Ah
Max. Discharge Current (5s)	1200A	1440A	2400A
Internal Resistance (mOhm)	5	4.8	2.9
Dimensions LxWxH (mm)	306x168x211	330x171x216	522x240x219
Weight (Kg)	28	32	61
Terminal	M6 Insert	M8 Insert	M8 Insert

CHARGING PARAMETERS

	PH+C12/100	PH+C12/120	PH+C12/200
Maximum Current	30A	36A	60A
Recommended Current	20A	24A	30A
Bulk Charge	14.4V @ 25°C		
Absorption (Boost) Charge	14.4V @ 25°C, 6hrs max.		
Equalization Charge	14.1V @ 25°C		
Float Charge	13.5V @ 25°C		
Temperature Compensation	-3mV/°C		
Charging Volume	108%		
Self Discharge	3% / month		
Temperature vs Capacity	15°C	25°C	40°C
	90%	100%	102%

Specifications correct as of 16 Jan 2020. All Specifications subject to change without notice.



*36 months for leisure application. 24 months for solar application. See warranty conditions for more info.