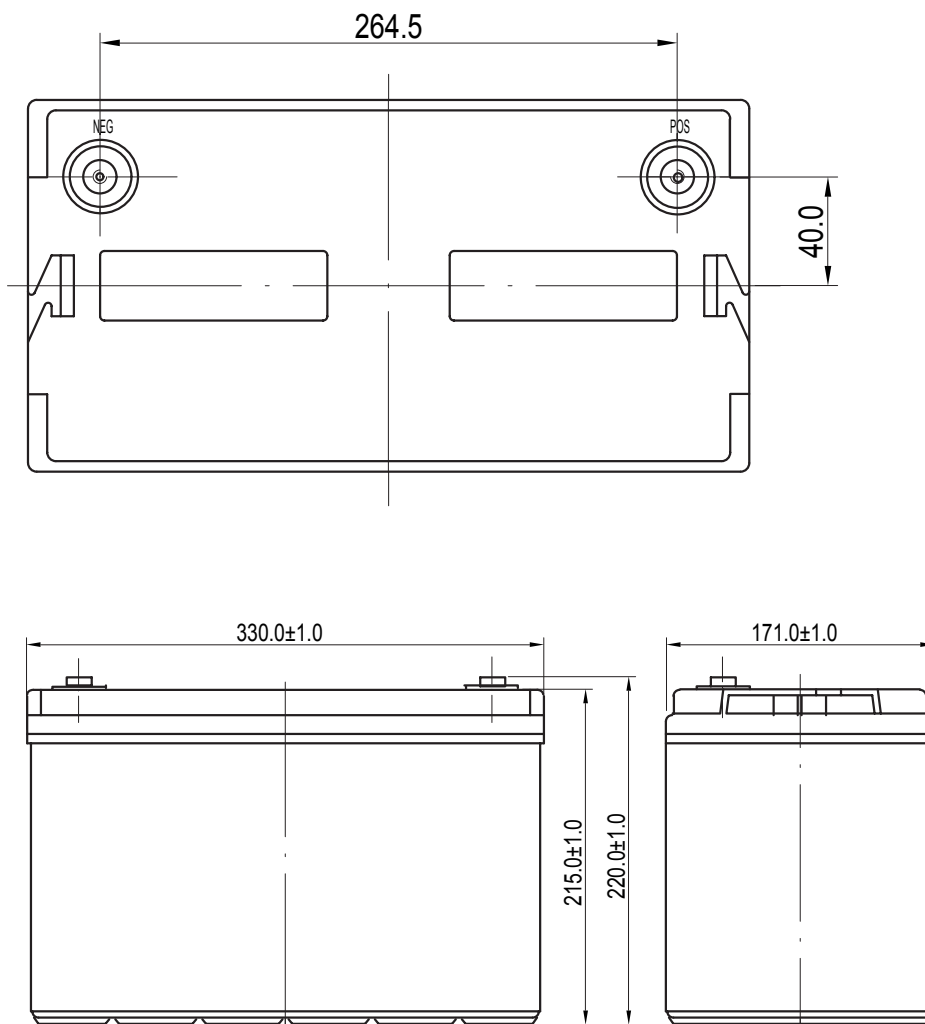


HUBAGM

The HB series sealed lead-acid batteries, use high purity lead and advanced battery separators, in the manufacturing process. Our advantages include long cycle life and high reliability. The battery technology improves the deep cycling ability and greatly prolongs battery life with more than 600 cycles at 80% DOD.

The HB series are best suited for cycling and solar applications.

TECHNICAL DRAWING



AGM

ABSORBED GLASS MAT
BATTERY

HB31-120

BENEFITS AND ADVANTAGES

Start at the Core

- Able to operate at -40C to +60C
- DOD @ 50%, 900 cycles
- Integrated design to ensure the best uniformity and reliability
- High purity lead, ensures long life and excellent performance
- IEC 60896, UL

APPLICATIONS

- Off Grid Cabins & Homes
- Marine / RV
- Hybrid Solar & Grid Tie
- Wheel Chairs, Golf Carts
- Telecom Systems
- Off-Grid Industrial
- Micro Grid Systems

www.hubpower.ca

4238 Lozells Ave #114 Burnaby, BC V5A 0C4

Phone: (604) 420-7737

Email: sales@hubpower.ca

ELECTRICAL SPECIFICATIONS

Nominal Voltage	12V
Amp Hour Capacity C 20	100
Amp Hour Capacity C 48	107.81
Amp Hour Capacity C 72	112.33
Amp Hour Capacity C 120	109.81
Amp Hour Capacity C 240	120.18

DISCHARGE SPECIFICATIONS

Current Discharge Rates	
20 hour rate	5.00A
10 hour rate	9.00A
5 hour rate	15.9A
1 hour rate	55.6A

TEMPERATURE SPECIFICATIONS

Cold temperature applications	
Discharge Temperature	(-40C)
Charge Temperature	(-40C)
Storage	-40C to 45C

MECHANICAL SPECIFICATIONS

Dimensions	12.95 x 6.77 x 8.75in
L x W x H	330 x 172 x 220mm
Weight	61.7lbs (28KG)
Terminal Type	M8
Terminal Torque	90 in lbs (10NM)
Case Material	ABS
Case IP Rating	IP56
Cell Type - Chemistry	AGM
Cell Type	Flat Plate

CHARGE SPECIFICATIONS

Recommend Charge current	10A
Max Charge current	20A
Bulk Charge V	14.7
Absorption V	14.7
Float V	13.6
Equalization V \leq 20A	14.7

SAFETY TESTED

Safety Ratings	IEC60896
	CE
	UL

PERFORMANCE CHARACTERISTICS

