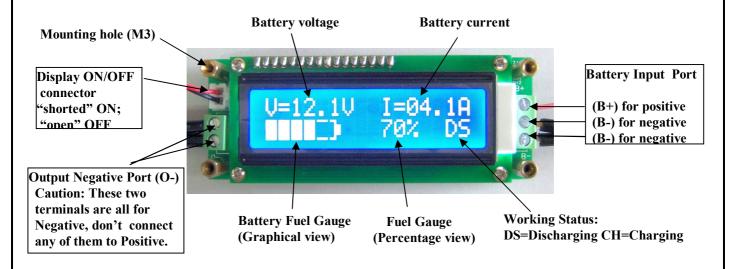
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SPECIFIC	ATION	PREPARE	CHECK	APPROVE					
MODEL:	USED IN:								
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	H BG2-F12-18 (128) LiFePo4 Battery Fuel Gauge							
No.	Item	Unit	Specification	Remark				
Specification								
01	Rating Input Voltage	V	DC30~48V					
02	Suitable battery type		12V 4s LiFePo4					
03	Max. Charge/Discharge Current permitted. & typical series impedance.	A	Max. Discharge current: 28A Max. Charge current: 18A Series Impedance: 5m Ω					
04	Rating Consumed current	mA	30	(Including 25mA LCD Back light)				
05	OFF Status leakage current	mA	0	OFF switch				
06	Voltage display tolerance	%	+-2.5%					
07	Fuel gauge display tolerance	%	+- 20%					
08	Current display tolerance	%	+-5% * I	+-0.3A when I<=5.0A				

## Top View and Illustration



## Installation

- 1. Make sure the battery you wired is 12S LiFePo4 battery.
- 2. First, connect the TWO "B-" terminals with your battery negative pole, because the maximum current is 28A, so you should use #18AWG wires or #16AWG. For the wire length, the shorter the better.

  Connect "B+" terminal with battery positive pole. This cable only carry 40mA current, so #22AWG wire is enough.
- 3. Second, connect your Load Device:

Connect Battery Positive pole with your Load Device Positive directly, #18AGW or better.

Connect this meter's (O-) terminals with your Load Device Negative, #18AWG or better.

## Caution:

- 1. The two terminals "O-" on the left side are all for negative, don't connect any of them with Positive pole, this will cause firing or smoking!
- 2. Please read this manual and understand attached schematic drawing before connect any wire!

## Schematic drawing:

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