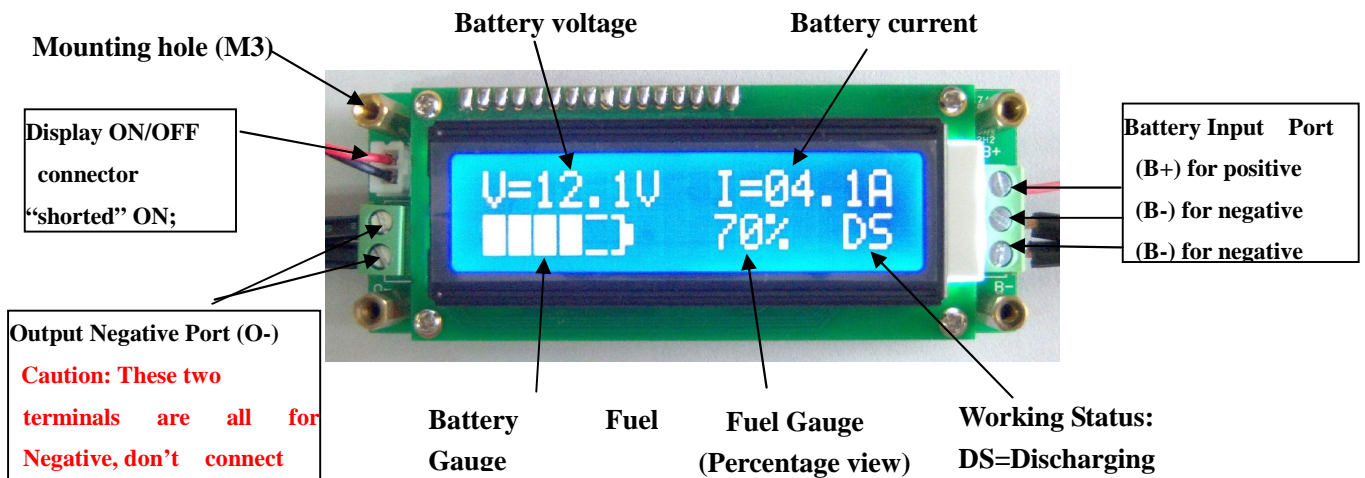


### BG2-XXX-X Digital –Display Battery Fuel Gauge

No.	Item	Unit	Specification	Remark
<b>Input feature</b>				
01	Rating Input Voltage	V	DC6.4~48V	BG2-LXX (X=2~13) for 2~13s Li-Ion/Poly
02	Suitable battery type		7.4~48V (2~13s) Li-Ion/Polymer; 6.4~48V (2~15s) LiFePo4 7.2~48V (6~40s) NiMH 7.2~48V (6~40s) NiCd 12~48V Sealed Lead-Acid	BG2-FXX (X=2~15) for 2~15s LiFePo4 BG2-NXX (X=6~48) for 7.2V~48V NiMH BG2-DXX (X=6~48) for 7.2V~48V NiCd BG2-AXX (X=12~48) for 12V~48V VRLA
03	Max. Charge/Discharge Current permitted. & typical series impedance.	A	10A (Series Impedance: 25m Ω) 20A (Series Impedance: 10m Ω) 40A (Series Impedance: 5m Ω)	P/N: BG2-XXX-10 P/N: BG2-XXX-18 P/N: BG2-XXX-28
04	Rating Consumed current	mA	30	(Including 20mA LCD Back light)
05	OFF Status leakage current	mA	0	OFF display condition

#### Top View and Illustration



06	Voltage display tolerance	%	+2.5%	
07	Fuel gauge display tolerance	%	+10%	
08	Current display tolerance	%	+5%	

#### Environment and Mechanical items

09	Operating Temperature	°C	-10 ~ +40	
10	Operating Humidity	%R	< +90	
11	Storage Temperature	°C	-40 ~ +70	
12	Storage Humidity	%R	0 ~ +95	
13	Vibration Resistant	-	5MM/50HZ/600S	
14	Weight	g	50	
15	Size	mm	98X35X25 (L x W x T)	