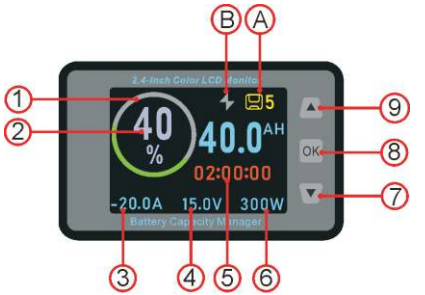
200647/200648/200649/200650

DROK DC 8-100V Coulombmeter
100/200/300/500A



Parameter	
Voltage	8-100V
Current	0.05-100A/0.1-200A/ 0.15-300A/0.2-500A
Capacity	0.1-99999AH
Power	50KW
Voltage Precision	±1% + 2 digits
Current Precision	±0.5% + 2 digits
Screen	2.4 Inch Colorful LCD Display
Power Dissipation	0.3W
Communication Baud Rate	9600bps
Measure Speed	20 Times per Second
Display Board Size	86*53*17mm/3.39*2.09*0.67in
Measure Board Size	56*36*34mm/2.20*1.42*1.34in

Overview



1	Percentage Symbol	7	▼
2	Capacity Percentage	8	OK
3	Current (charge+/discharge-)	9	▲
4	Voltage	A	Data Group Store Address
5	Battery Available Time	B	Charge/Discharge Symbol
6	Power		

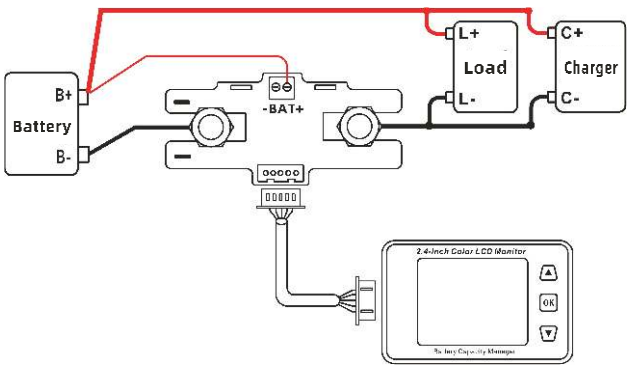
Operate Instruction

1.Short press▲,increase backlight brightness.
2.Short press▼,decrease backlight brightness.
3.Long Press▲for 3s, capacity fills up.
4.Long Press▼for 3s, capacity clears.
5.Long Press “OK” for 3s to parameter setting interface, short press▲/▼to switch parameters. Short press “OK” to select the parameter, short press▼to choose step, short▲to adjust value, long press “OK” for 5s to exit and save parameters.

Operate Instruction

1.CLR: current clear function. When no-load current is not zero, enter this function, Short press▲to clear the no-load current.
2.BAT: set battery total capacity.
3.BPC: set available capacity percentage.
4.LED: set LCD screen backlight brightness. Level 0-10 can be adjusted
5.STE: set screen turn off time. when working time is longer than the set time, screen will auto turn off.
6.STI: set current value for turning off screen. When measure current is lower than the set value, screen will auto turn off. When measure current is higher than the set value, screen will auto turn on.
7.BKC: set the screen display colors, total 2 colors to choose, black-white and colorful.
8.LAG: set the language(English/Chinese).
9.LVP: Low voltage alarm. When voltage is lower than LVP value, the capacity will auto clear.
10.LBR: turn on/off backlight alarm. After turning on LBR, when the remain capacity is lower than 20% or voltage islower than LVP, the backlight will flashing to alarm. When charging current is higher than STI, the backlight will also flash.
11.ADS: Communication Address.
12.PAI: the value of current clear. After no-load current clear, the shunt might make current higher than zero, which can set PAI. When current is lower than the set value, the current value will zero.
13.OVP: the voltage value of max capacity. When battery voltage is higher than OVP, the capacity will auto fill up.

Wiring Diagram



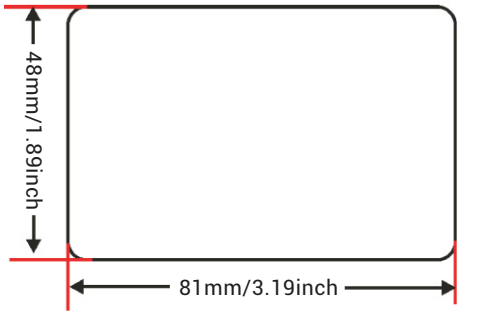
Note

1.Connect the battery positive pole to the BAT+ of shunt, connect the battery negative pole to the “-” of shunt.
2.The shunt must be series connected between battery and load.
3.Use the shielded cable connect the display board with measure module.
4.Measure module should be fixed in a ventilated place.

Set Capacity

1.Known the battery capacity value, can directly set.
2.Unknown the battery capacity value:
2.1Set the BAT to 0 and clear the capacity.
2.2Fully charge battery.
2.3Discharge the battery to empty, set the display capacity value to BAT, and set BPC to 0%.

Display Board Install Size



Recommend product on Amazon:

DC 0-90V 100A Battery Monitor

Visit DROK Store on Amazon