

ACC-VBAT-12

UPS Back-Up Power Solution for In-Vehicle Computer
C-LiFePO4 Battery 12V/4.8Ah



Features

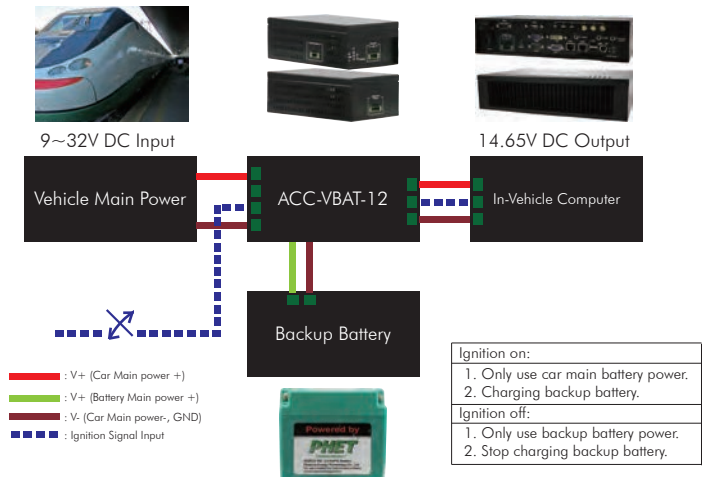
- Support 12V/24V Input power
- Work as an UPS
- C-LiFePO4 Battery 12V/4.8Ah
- Auto Charge and Battery Protection



Specification

General	
Battery SPEC	Backup control board with battery for Vehicle PC (With PHET C-LiFePO4 12V 4.8Ah Battery)
Specification	
power input	IDC 9~32V
Power charge for Backup battery	DC 14.6V (constant-voltage, CV)
Power charge for backup battery current limit	Max. 4.8A
Backup battery cut off voltage	10.6V
Backup battery low voltage warning	DC 11.2V till DC 10.6V
Capacity LED	3 Green LED to present the Battery capacity status
Charging LED	1 Yellow LED to present Battery charging status
Fuse socket	Input protection : Fuse 12V(15A), 24V(7.5A)
I/O	
Man power in	Terminal block 4 pin : Positive, Ground, Ignition
Backup battery	Terminal block 2 pin : Positive, Ground
Power output	Terminal block 3 pin : Positive, Ground
Mechanical & Environment	
Dimension (W x D x H)	System box with bracket : 159 mmx 176 mm x 82.9 mm Battery: 60mm x 120mm x 105 mm
Weight	Battery:0.96Kg
Operating Temp.	System : -20~65°C Battery : 0~45°C, 45~85%RH (In Std. charging) -20~60°C, 45~85%RH (In Std. discharging)
Storage Temp.	System: -20~80°C
Certification	Battery: -20~35°C (Within 1 year) -20~60°C (Within 6 month)
Relative Humidity	0~90% @ 40°C,non-condensing
Safety	CE, FCC class A

Function Diagram



Dimensions

