

Lithium Battery- Commercial

LFP2420CV



Features Of LiFePO4 Battery

- Long cycle life
- High integration, small size, high energy density
- Intelligent management of product usage status, high security
- Environmental Protection
- Fast charging

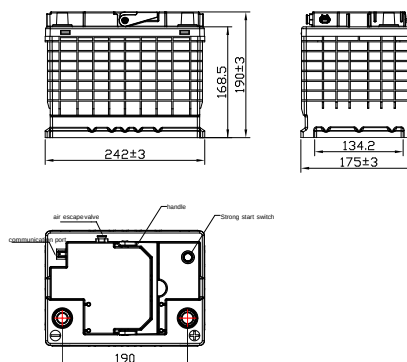
Application scenarios

- Commercial vehicle start
- Engine start

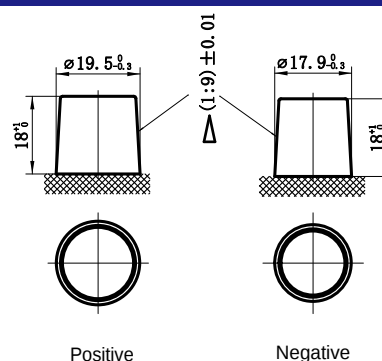
Battery Parameter

Nominal Voltage	25.6V
Operating Voltage @25°C	16~28.4V
Nominal Capacity	20Ah
Energy	512Wh
Continuous Charge/Discharge Current	80A/80A
-18°C Cold Cranking Current(CCA)	600A/5s
-29°C Cold Cranking Current(CCA)	300A/5s
Operating Temperature Range	-30~60°C
Storage Temperature Range	-40~65°C
Self Discharge	≤ 3% Per Month
Cycle Life	≥2000 cycles
Communication Method	CAN 2.0B

Physical Dimension-mm



Terminal Size-mm



Product Information

Dimension (L*W*H*OH)	242*175*190*190mm
Approx Weight	7.5±1kg
Terminal Type	T2
Case Material	PPE+GF20FR
IP Rating	IP67
Discharge Heating	No Heating
Vibrating Rating	V4 Level

Interface Definition



Model of wire harness connector
Rubber shell model: MOLEX 34967-4001
Terminal model: MOLEX 34905-2447

Interface definition		
Hole position	Definition	Describe
1	CAN-H	CAN-H
2	CAN-L	CAN-L
3	BN+	wake upA
4	BN-	wake upB

Interface definition		
Name	Socket model(box)	Describe
Battery positive post	19.5 V-Sa	sign "+"
Battery negative post	17.9 V-Sa	sign "-"