

Drop in lithium deep cycle replacement leisure batteries

Leaders in Lithium-iron Phosphate motorhome caravan & marine leisure batteries

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KS ENERGY UK



5a): KS-C200B 12v 200AH Compact Series Bluetooth High Power lithium battery

£1,039.00 incl. tax*

KS-C200B 200AH COMPACT SERIES 12V High Power/High Capacity - with integral Low Temperature Protection and Bluetooth Remote Monitoring

200AH High density compact lithium-iron phosphate deep cycle leisure battery measuring just 485mm*170mm*240mm (same size as the super series KS-LT150B). Bluetooth monitoring and low temperature charge protection are standard and the battery features a high Current 150A continuous output current rated BMS. Perfect where space is a premium in Motorhomes, Camper vans, liver-board boats, caravan and camping that require year round highly demanding leisure use including mains inverters.

[Product Data Sheet](#)

Product code: 5060716640186 Type: Lithium-Iron Phosphate (LiFePO₄)

Size: (mm ±2) L*W*H 485*170*240 (inch 19*6.7*9.4)

Weight: 22Kg (48.5lbs)

Battery voltage nominal: 12.8V, charged and rested: 13.2V

Capacity: 200Ah nominal, (2.56KWh @ 25°C)

Cells: cylindrical 3.2V 4000mAh, Arrangement: 4S *50P

Maximum continuous discharge current: 150A

Peak surge discharge current: 350A for 10 seconds

Max continuous charge current: 150A

Recommended discharge current: <150A

Recommended charge current <100A

Recommended Charge voltage 14.4V, Charge type: CC/CV

Max charge voltage: 14.6V

Recommended low voltage disconnect 11V

Float voltage (when applicable) 13.2V - 13.3V, 13.6V Max

Operating temperature range: -20°C to +50°C

Storage temperature: -20°C to +30°C

Depth Discharge: 100% Efficiency: 99%

Internal resistance (±3%) : 20mΩ @ 50% SOC 25°C

Battery Management/Protection:

Internal BMS actively balanced

Battery Low temperature Charge Protection (charge disconnects at zero <0°C)

Battery Over Charge Protection (cell disconnect >3.75V, resumes <3.55V)

Battery Over Discharge Protection (Disconnects <9.8V, release 11.8V)

Short Circuit electronic trip: (>400A <250μS)

Over voltage: detect 15.2V <2S, release 14.3V

Over temperature shut down: 65°C, release <55°C

Self-discharge: 2.5% per month

Maximum recommended dry storage duration: (@55% capacity): 12 months

Terminals: F12 (M8), Terminal torque 90ft/lb – 10Nm

Case material: ABS, Ingress Rating: IP64

Parallel configuration: unlimited, Series: 4 batteries maximum

Life Span: >3250 cycles @80%-30% DOD @0.5C, >2250 cycles DOD 95% @1C

Wireless protocol: Low energy - Bluetooth® 4.0

Compliance: CE Certification for the entire battery (product)

ROHS Certification for the entire battery (product)

UN38.3 Certification for the entire battery (product)

Shipping designation Class 9

Designed in Great Britain by KS Energy Holdings, assembled in China

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