

LGSPD series LGSPD12V75-S

Coiled valve regulated lead-acid battery



Application scenarios

- Vehicle start
- Generator start-up Car
- start stop system
- Hybrid electric system

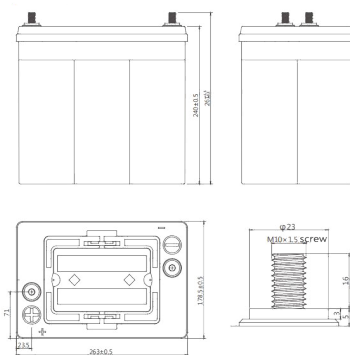
Advantage

- Starting performance: Cold starting current up to 1150CCA, Only half the capacity of a regular battery is needed to start
- Anti vibration performance: The anti vibration performance is 15 times that of ordinary batteries, which can easily cope with various situations
- Complex road conditions
- Starting lifespan: The maximum number of starts can reach 180000 times, and the lifespan is equivalent to that of a regular battery 4 times

Technical parameter

Rated voltage	12V
Rated capacity	80Ah (20hr, 1.75V/ Monomer, 25°C)
Reference weight	25kg
size	long : 263mm wide : 178.5mm high : 240mm Overall height : 257mm (Including terminals)
internal resistance (Fully charged, 25°C)	2.4mΩ
CCA	1150A(SAE)
Reserve capacity(25°C)	165min
ambient temperature	-45°C ~ 75°C
a partition	AGM
Oxygen recombination efficiency	100%
Free charging storage time	6 months
Maximum charging current	4.5C ₂₀
Maximum discharge current	18C ₂₀
Cycle charging voltage(25°C)	14.5V~15.0V

Size



Compliant with standards

- GB/T 5008.1
- IEC60095.1
- EN50342

Obtained certification

- ISO9001
(03006Q10084R1M)
- ISO14001
(03004E10097R0M)
- ISO18001
(03006S10002R0M)
- ISO/TS16949

Technical characteristics

- Adopting a thin electrode plate design, it has a larger specific surface area and 2 internal resistances that are only 1/3 of ordinary batteries. After starting, the battery charges quickly, reducing the damage caused by long-term charging to the battery
- The port adopts a valve controlled closed design, which eliminates the problem of acid leakage and is not limited by space. The battery can be placed in any direction
- Adopting a spiral winding design, the battery has a cylindrical structure with stable structure, avoiding bulging caused by high temperature
- Adding independently developed composite carbon materials with excellent charging acceptance performance, improving the problem of negative electrode salinization, and extending the starting life under partial charge state

LGSPD series

LGSPD12V75-S

Coiled valve regulated lead-acid battery



Performance curve

