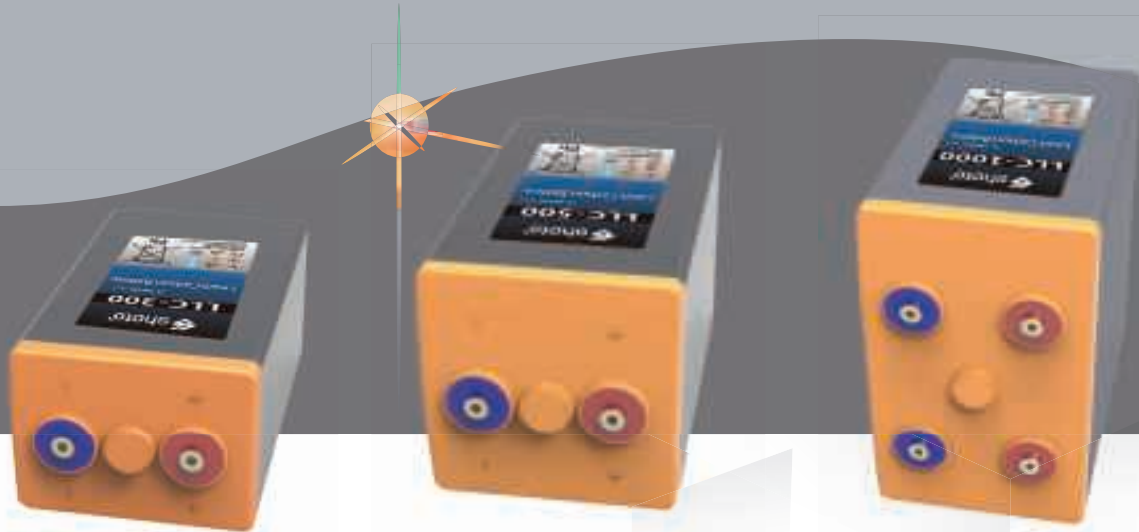
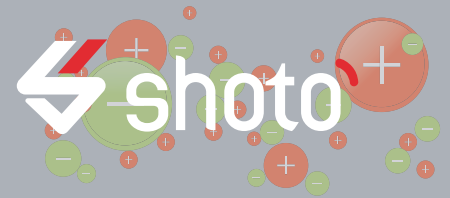


Lead-Carbon Battery



Shoto lead-carbon battery has been specially designed for Renewable Energy Sources such as solar and wind power storage system, based on international advanced lead-carbon technology.

Grid alloy and structure, active material formula, battery case material and electrolyte compositions are optimized, and products conform to the GB/T 22473、BS EN 61427-1: 2013、IEC 61427-2:2015 standards, etc. With premium quality, superior PSoC cycle life, better charge acceptability and faster recharge performance, LLC lead-carbon battery devotes itself to protect our Environment and Human with green clean energy and natural resources used effective.

● Main Application

- Renewable energy (wind & solar) storage system
- Peak shifting of electrical power system
- Frequency regulation and Load following service
- Smart-grid & micro-grid sites
- Off-grid & bad-grid sites

● Benefits

- Extra long life design, design life is 20 years
- Superior PSoC and deep cycling performance
- Excellent quick charge performance, reduce charging time by 30%
- High potential fuel savings when used with hybrid genset applications

● Technical Features

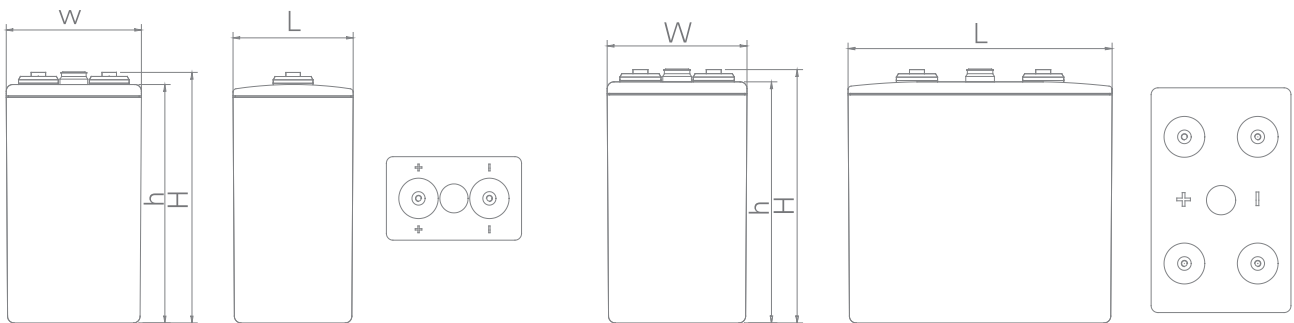
- Comply with GB/T 22473、BS EN61427-1: 2013、IEC61427-2: 2015、UL、CE standards, etc
- Adopt lead carbon technology, reduce the cathode sulphation, ideal for PSoC cycle application and can deliver 4~5 times better cyclic life compared with normal VRLA
- Better charge acceptability and faster recharge performance
- Exquisite design for premium quality, high reliability and stability

*Storage of Love
and Green Energy*

Lead-Carbon Battery



• Drawings



LLC-300~600

LLC-800~1000

• Specification



	LLC-300	LLC-400	LLC-500	LLC-600	LLC-800	LLC-1000
Nominal Voltage(V)	2	2	2	2	2	2
Length(mm)	125	154	183	212	299	357
Width(mm)	207	207	207	207	211	211
Height of Monobloc(mm)	358	358	358	358	358	358
Total Height(mm)	372	372	372	372	372	372
10hr Capacity(Ah,25°C)	300	400	500	600	800	1000
Terminal	M8	M8	M8	M8	M8	M8
Terminal Torque(Nm)	15~17	15~17	15~17	15~17	15~17	15~17
Internal Resistance(mΩ)	0.32	0.30	0.28	0.27	0.23	0.22
Short Circuit Current(A)	6500	7000	7500	7800	8900	9400
Weight(kg)	23.4	29.7	35.5	41.5	59.0	71.4

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