

HTB Series High Temperature Battery

shoto[®]



Main Applications

- High temperature environment (35°C)
- Off-grid & poor-grid environment
- Renewable energy (wind & solar) site
- Hybrid telecom site

Benefits

- Reduce operational cost (less cooling consumption)
- Excellent deep cycling performance
- Reduce CO₂ emission
- Secure operation under high temperature up to 55°C

Technical Features

- Operating temperature range -20°C to +65°C
- Best performance for continuous operation up to 35°C
- Extend service life under high temperature
- Excellent over discharge recovery capability
- Long life design for cyclic or float application



SHOTO HTB series is a new product in the SHOTO battery family. This product has been designed for high temperature application, based on advanced technology. Corrosion-resistant alloy material, special grid design, proprietary activator, low density electrolyte technology have been adopted in HTB battery. HTB battery devote itself to protect our Environment and Human with green clean energy and natural resources used effective.



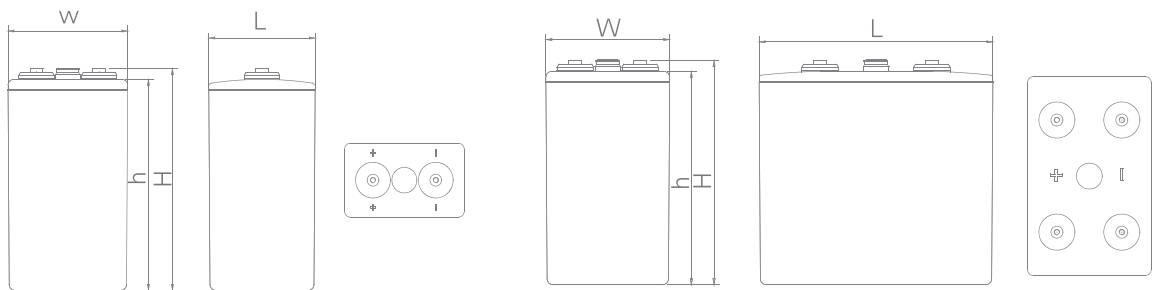
*Passion for Storage
and Green Energy*

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Drawings



HTB-300~600

HTB-800~1000

Specification



	HTB-300	HTB-400	HTB-500	HTB-600	HTB-800	HTB-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)	0.42	0.38	0.30	0.29	0.25	0.24
Short Circuit Current(A)	6400	7000	8030	8300	8800	11000
Weight(kg)	21.6	28.1	34.1	40.3	55.8	68.6