

Thin Plate Pure Lead-Tin Technology

HBL[®]

Battle Ready



BR-140

Battle Tank and Armoured Vehicle Battery **Pure Lead Tin, Valve Regulated Lead Acid Monobloc**

HBL's BR140 battery more than conforms to the Russian GOST Specification # TY16-529-357-78 (140Ah/20hr/10.5V/25°C) with respect to all electrical performance parameters.

BR140 not only replaces the original Russian Flooded battery but also caters for more power needed due to the up-gradation of the T-72, other Battle Tanks and Armoured vehicles.

Superior Features:

- ▶ Pure lead-tin thin plate technology for greater power & higher corrosion resistance
- ▶ High peak power capability guarantees starting even under partial state of charge
- ▶ Resistant to high levels of shock and vibration
- ▶ Flame retardant polypropylene container and lid ensures safety
- ▶ No water top-up - employs gas recombination technology
- ▶ Reliable operation at extreme temperatures (-40°C to +50°C)
- ▶ No free electrolyte, hence safe for operation in all orientations, especially during loading/unloading in the tank
- ▶ Compatibility with on-board charger ensures quick recharge
- ▶ Supplied in the filled, charged and ready to use condition.

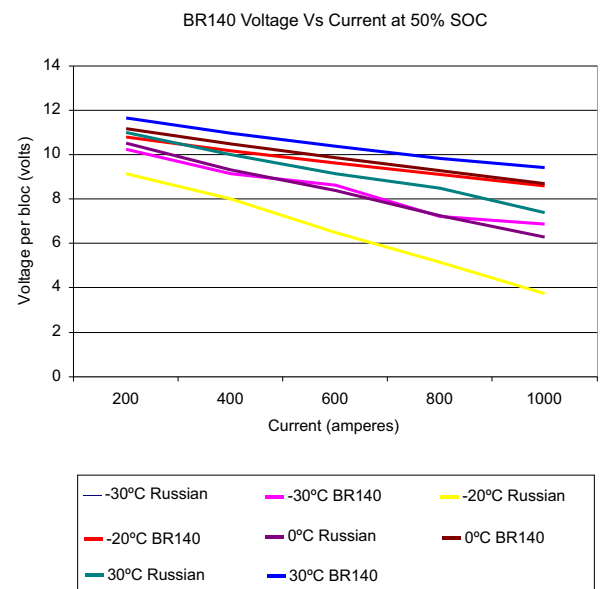
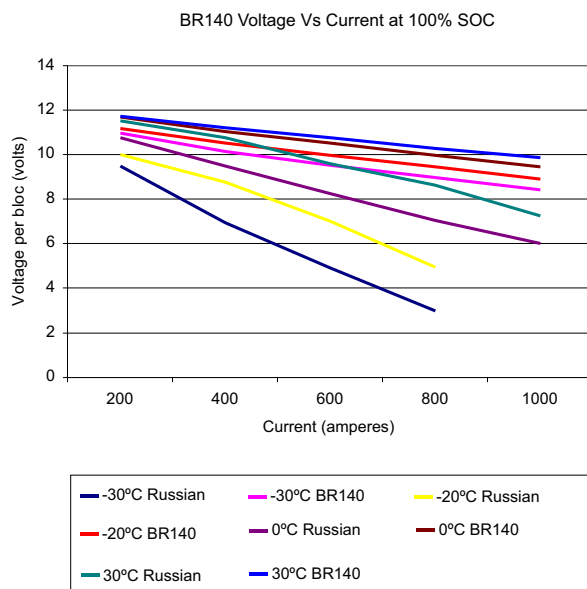
BR 140 Performance

Actual Vs Required (Russian Specn # TY16-529-357-78)

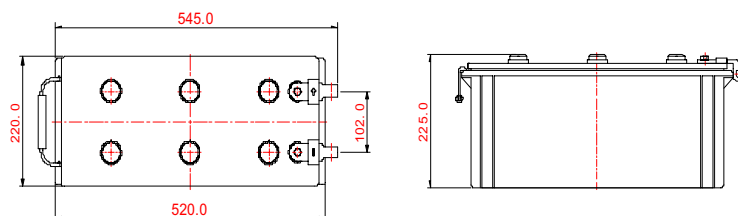
S.No.	Parameter	Russian Specn	BR140
1	Capacity at 20hr rate	140 Ah	160 Ah
2	Capacity at 10hr rate	126 Ah	145 Ah
3	Discharge duration at 420A at 25°C to 9V	6 minutes	12.5 minutes
4	Discharge duration at 420A at -30°C to 9V	1.5 minutes	4.25 minutes

Graphs

Constant current discharge with 100% & 50% State of Charge battery at different temperatures



Dimensions and weight



ALL DIMENSIONS ARE IN MM.

HBL®

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