

GEL GEL SERIES

Gel envelopes plates and prevents the paste from chalking off plates and its increased resistance to discharging currents prevents from the formation of harmful indestructible lead sulfate. Oxygen and hydrogen vapors, produced as a result of a storage battery operation, are held inside the gel, react with each other and turn back into water which is absorbed by the gel. This process is called gas recombination.

A separator in gel storage batteries is also unusual – microporous duroplastic which due to aluminum additives has high resistance in corrosive medium, has high temperature stability and mechanical strength; the latter provides high vibration- and impact-resistance of a battery structure.

Due to these unique characteristics gel batteries withstand large number of charge-discharge cycles, can remain discharged for a long time, and have a low self-discharge, they can also be operated in any position.

The series includes storage batteries with a nominal voltage of 12 V and capacity of 4 Ah, 7 Ah and 9 Ah. Guaranteed service life is 12 months.

Advantages:

- reinforced electrodes reduce the grid corrosion and increase the service life of batteries;
- is more reliable in the mode of cycling;
- complete recovery after deep discharge even in the case when charging was not performed immediately after a battery discharged;
- tolerance to operation under high temperature conditions;
- non-foliation due to immobilized electrolyte;
- enhanced susceptibility to recharging due to low internal resistance.

TECHNICAL SPECIFICATION

№	Description	JIS code	Voltage, V	Capacity, Ah	Starting power, A [EN]	Size, mm			Polarity	Weight kg	Level charge A	Number of in a box
						Length	Width	Height				
1	BFG1204ABS	YTR4A-BS	12	3	40	113	49	86		0,80	0,30	18
2	BFG1204LBS	YTX4L-BS	12	4	50	114	70	85		1,40	0,40	12
3	BFG1207ABS	YTX7A-BS	12	7	80	150	87	94		2,35	0,70	8
4	BFG1209BS	YTX9-BS	12	9	100	150	87	106		2,85	0,90	8