



# Always Keep With The Best



Let's grow together ...

Japan Industrial Standard (JIS)

HAMKO is a leading manufacturer of Lead Acid batteries in Bangladesh. Apart from battery manufacturing, HAMKO also leads the way in manufacturing battery components, chemicals and supports overall battery manufacturing industries in Bangladesh.

## **Our Mission**

"To position HAMKO as a chosen brand in Bangladesh and abroad through quality and service of our products."

# Our vision

To create a world class product with the bundle of humble service makes us responsible to:

- Provide best value for end user/users/customers.
- > Play a vital role for environment.
- Make customers/user's daily life easier.
- > Increase customer awareness about global impact.















Sealed VRLA

Maintenance Free

Long Lasting











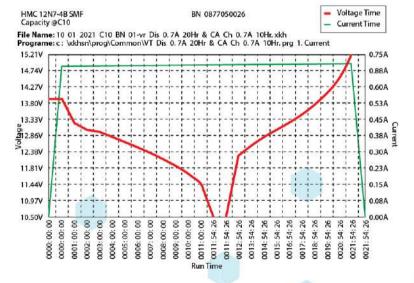
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## **HAMKO Motor Cycle Battery Construction & features:**

- The plate is made of pure lead oxide paste & other chemicals needed to obtain better performance & stability. The grid is made of a high quality lead alloy with calcium & tin which assures better resistance against corrosion.
- The plates are separated with high quality Glass Matt separators (AGM) which has high porosity for better ionic conductivity. The plates are completely wrapped by the separator & the electrolyte is completely absorbed in the separator & plates.

#### AGM Battery Technology Thru-Partition Construction provides shorter current path with less resistance than "over the partition" construction - you get more cranking power when you need it. Patented Sealed Post prevents acid seepage. reduces corrosion extends battery life. Special Active Material **Heat Sealed** is compounded to Case to Cover withstand vibration. prolong battery life protects against seepage and and dependability. corrosion -Special Grid bonded unit gives Design extra strength. withstands severe vibration, assures Polypropylene maximum conductivity. Cover and Container assures reserve electrolyte Special Separator capacity for cooler operating temperatures; gives greater provides virtually maintenance free resistance to gas and oil operation and makes the battery spill-proof. AGM Technology and impact in extreme weather conditions! eliminates water loss



## **Product features:**

- Sealed and valve regulated.
- Maintenance free.
- High cycling ability.
- Better CCA
- Reduced self-discharge.
- High vibration resistance.
- Improved charge acceptance.
- High starting power.
- Deep discharge resistance.
- 3 Months Warranty

The graph shows the charge discharge characteristic of HAMKO MCB Battery. The graph also shows the capacity of HAMKO MCB in 10 hour rating as the battery avg. discharge current is 0.7 A. At the time of charging battery voltage increases rapidly & later increases slowly, at last voltage becomes 13.8 with rapid increasing. In case of discharge also the battery being discharged at the particular current at the specified time that renders into 10.5 nominal volt. It ensures to match declared capacity as well as it assures 100% efficiency of HAMKO MCB MF battery.

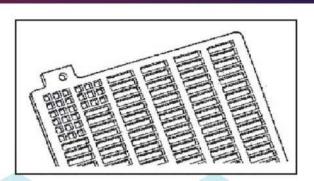


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# Consumer benefit of Hamko Motor cycle Battery:

- Design based on AGM technology.
- If does not move daily, Charge remains better.
- > High voltage, Sharp light-run safely in dark.
- Charge quicker if sometimes stay in idle condition.
- Long life with better service.
- It sets in any position.
- It resists the temperature.
- No need topping up.
- Leak resistant.
- Long backup due to higher RC if alternator fail.



# Lead Calcium Tin Alloy Cast Grid

The cast grid of MC battery contains lead calcium tin alloy, in consequence of it is substantially more resistant to corrosion as well as overcharging, gassing, self discharge and thermal runaway.

# TECHNICAL SPECIFICATION & APPLICATION OF MCB SMF LEAD ACID STORAGE BATTERY

SEALED MAINTENANCE FREE (SMF)										
PP E	Battery (Polypro	pylen	e Cont	ainer)						
SL No.	Battery Type	Volt	Plate /Cell	@10	Dimension in mm Approximate			CCA @	Possible application	
INO.					L	W	Н	-18°C	MC BRAND	ENGINE Capacity
1	12N9-4B	12	8	9	137	76	134	105	PULSAR 2010 to 2016, APACHE	150 CC
2	12N7-4B	12	9	7	148	60	128	95	DISCOVER 2016 to 2018, PULSAR 2016, HUNK 2015 UNICORN	100 CC to 150 CC
3	12N6.53B	12	8	6.5	138	65	100	70	YAMAHA, YINGANG, ZONGSHEN, XGJAO, KINLON ZONGQ, DUKAR, YINXIANG, LIFAN.	125 CC to 150 CC
4	12N5-3B	12	7	5	119	60	129	65	DISCOVER 2010 to 2016, PULSAR 2016, SPLENDOR SELF TVS METRO ES, STRYKER ES, YAMAHA SALUTO, FZ 2010 to 2016, FAZZER 2010-2016, R15-V1, UNICORN	110 CC to 150 CC
5	12NYTX5L-BS	12	7	5	114	70	108	65	PULSAR 2018, AVENGER, V15, HUNK 2016-2018 YAMAHA FZ 2016-2018, FAZZER 2016-2018, R15-V2, MT 125, MSLAZ, HONDA LIVO, CRB, HORNET, CB TRIGGER.	110 CC to 150 CC
6	12N4-3B	12	7	4	114	70	87	45	SUZUKI GIXXER 2000 to 2017 and GIXXER SF, HERO GLAMOUR, I'SMART, PASSION PRO, HONDA SHINE	110 CC to 150 CC
7	12YB 2.5 LC	12	4	2.5	80	77	105	25	HERO SPLENDOR NON SELF, TVS METRO AS, STRYKER AS YAMAHA NON SELF	110 CC to 125 CC
8	6N4-2A	6	5	4	71	71	94	25	YAMAHA RX	100 CC



# **MOTOR CYCLE BATTERY**

# Training and Training of Train

# HAMKO Battery Service & Distribution Center

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