

SINCE 
1979

Always Keep With The Best

HAMKO
Group

Let's grow together ...

HAMKO is a leading manufacturer of Lead Acid batteries in Bangladesh. Apart from battery manufacturing, HAMKO also leads the way in battery manufacturing 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.

IPS Battery/ Home Inverter System Battery

18
MONTHS
WARRANTY



HPD
IPS BATTERY
POWERHOUSE

Improved Design and Enhanced Flooded Technology



BDS 206



ISO 9001
ISO 14001
OHSAS 18001

IAS
ACCREDITED



Certified by multiple international standard organization

www.hamko.com.bd www.hamkoservice.com www.facebook.com/hamkobattery.official

A journey year after year... >>>

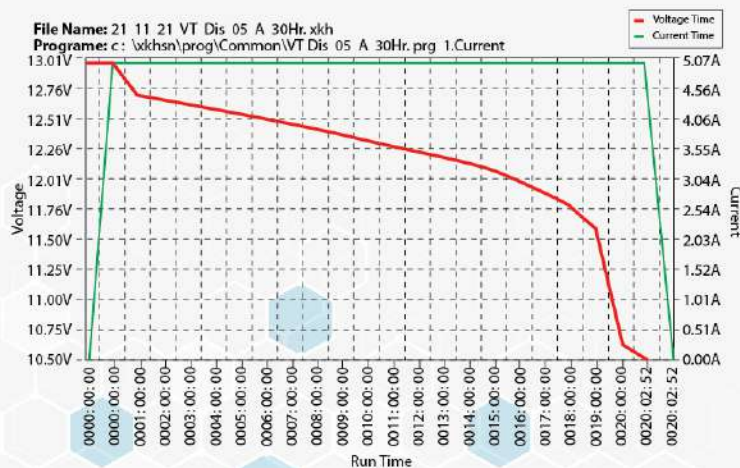
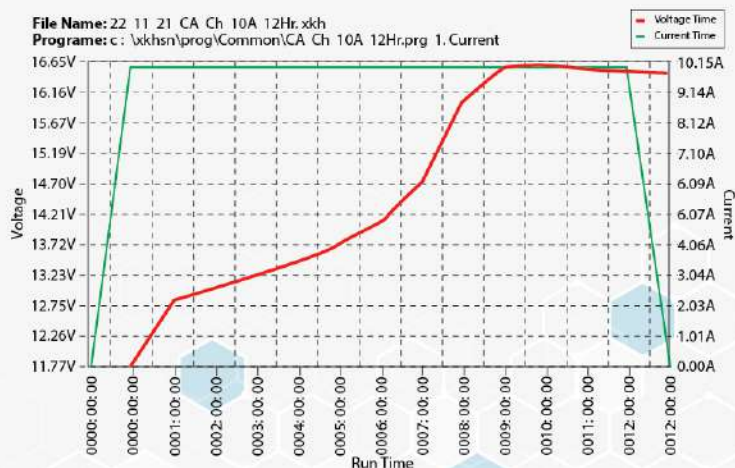
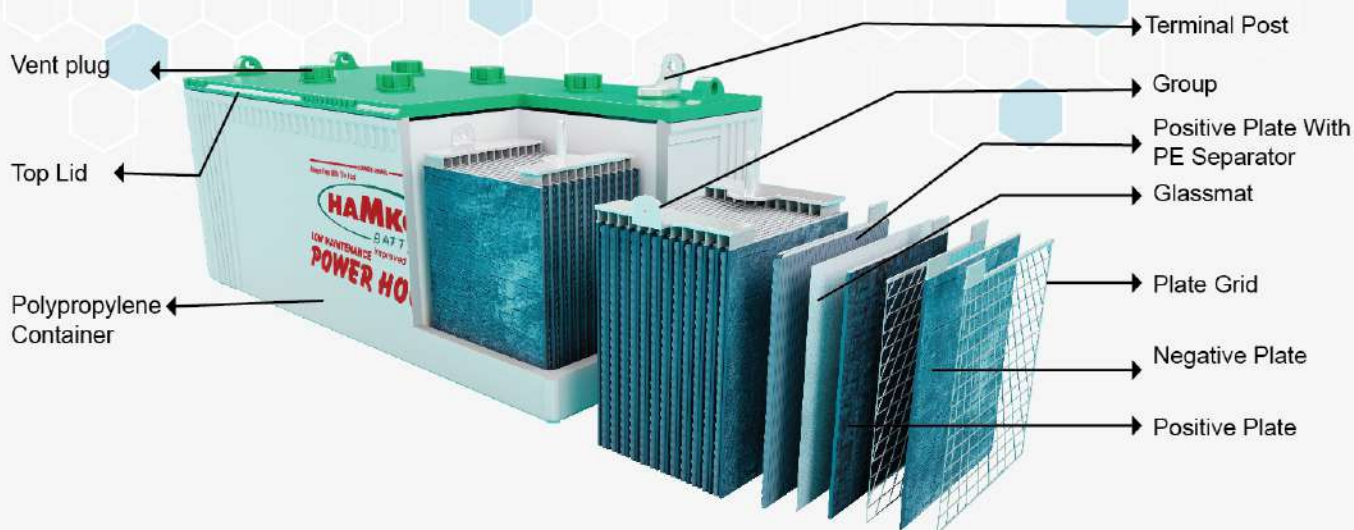


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HAMKO HPD Battery Construction & features:

- » In aiming for end user's high satisfaction HAMKO HPD deep cycle deep discharge battery is designed through more robust technology with many advantages.
- » Advanced flooded technology has been exerted in it for deep discharge application to supply steady power over an extended period of time.
- » Maintaining 100% pure lead & using virgin lead improves its quality to an outstanding level by removing impurities.
- » Ensuring more ionic conductivity using world class separators for gaining high voltage in the quickest time.
- » The HAMKO brand HPD battery is produced by a full automatic machine that has a sensor to identify any fault in the battery.
- » Due to increased positive plate surface area HAMKO HPD batteries have more electrical capacity & also provide longer service life than any other flat plate batteries.



The graph represents the charge-discharge characteristics of HAMKO Brand HPD 100 AH deep cycle deep discharge battery. It shows that the battery has been charged with 10A average charging current and voltage has been reached at 12.75 within two hours, later the voltage graph line is angularly rising upward at 45 degree angle. From the middle time of charging voltage gains & graph line is rising diagonally up, within 08 hours battery gets 16.85 close circuit voltage. On the other hand, the battery has started to discharge by an average 05 amps during 22 hours. Voltage has been reduced slowly & reaching at voltage 11.5 through sloping down the graph curve line. From the above discussion if we consider charging ampere, charging time & voltage rising status then it is to say that battery charge acceptance is very excellent. Again the graph shows voltage has been reduced slowly during the time of discharging which means battery charge retention efficiency is better as well as voltage drop due to internal resistance is very low.



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Customer benefit of HAMKO HPD Battery:

- » Charge-discharge cycle: More than twelve hundred cycles at 80% DOD.
- » Electrolyte stratification: The external shape of the plate allows for easier movement for the electrolyte & gets more power from it.
- » Float current: Float charging current is very low because of insignificant self discharge as a result temperature is under control.
- » Surface area: More than any others which results in higher capacity.
- » Electrical resistance: Very low because well defined pore sizes permits easy movement of electrolyte & works against antimony migration. So insignificant topping up is required.
- » Life Expectancy: 2.5 years to 3.5 years. In standard DOD of each cycle
- » Charge retention: Very long because of lower electrical resistance & smooth ionic conductivity.
- » Temperature Tolerance: Ability to deliver power at different temperatures especially in very hot or cold temperatures.

TECHNICAL SPECIFICATION OF LEAD ACID STORAGE BATTERY

PP Battery (Polypropylene Container)								
SL No.	Battery Type	Volt	AH@20 Hrc	Dimension in mm Approximate			Container Type	Possible application /
				L	W	H		
1	HPD 60	12	60	301	171	234	N70	All kinds of on-line, off-line UPS as per Backup time required.
2	HPD 80	12	80	344	170	250	CV15	IPS 250 VA & online UPS as per Backup time required.
3	HPD 100	12	100	410	175	240	N100	IPS 330 VA to 400 VA & Online UPS as per Backup time required.
4	HPD 130	12	130	510	180	250	N120	IPS 400 VA to 600 VA & Online UPS as per Backup time required.
5	HPD 165	12	165	510	220	250	N150	IPS 600 VA to 800 VA & Online UPS as per Backup time required.
6	HPD 180	12	180	510	220	250	N175	IPS 600 VA to 800 VA & Online UPS as per Backup time required.
7	HPD 200	12	200	510	270	250	N200	IPS 800 VA to 1000VA & online UPS as per Backup time required.
8	HPD 215	12	215	510	270	250	N200	IPS 800 VA to 1000VA & online UPS as per Backup time required.

HPD

IPS BATTERY

POWERHOUSE

HAMKO Battery Service & Distribution Center

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BANGLADESH

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Scan the QR code to find the nearest
HAMKO service center or dealer location.



SCAN ME

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A journey year after year...

