

TECHNICAL INFORMATION:

ACDelco Part No. HCM27SMF is a dual-purpose marine battery designed for both engine-starting and deep-cycle applications. ACDelco's Lead-Calcium technology provides many benefits, including improved resistance to corrosion, overcharging, gassing, water usage, self-discharge and thermal runaway, all of which limit battery life in conventional lead-acid batteries.

- Calcium – Calcium Maintenance-Free
- Factory-sealed – heat-sealed covers prevent contamination and increase casing strength
- Denser active plate material for improved cyclic ability
- High Cranking Power
- High Reserve Capacity
- Ultra-low water loss – liquid-gas separator.
- Low-resistance envelope separators



Applications

Marine starting and auxiliary power
Caravan & Camper Auxiliary power
Four Wheel Drive Auxiliary power
SUV / RV Auxiliary power
Dual-purpose starting / cycling applications

Technical Specifications

Battery Type:	Sealed Maintenance-free	Container Material / Colour:	PP / Black
Voltage:	12 V	Lid Type / Colour:	Sealed MF / Black
Capacity (@20hr rate):	97Ah	Positive Plate Type:	Lead-Calcium Deep-Cycle
Cold Cranking Amps -18°C, SAE:	680	Negative	Lead-Calcium Deep-Cycle
Cold Cranking Amps - 0°C SAE:	N/A	Separator Type:	Microporous Low-Resistance Envelope
Reserve Capacity:	162 Min.	Assembly Layout:	1 (LHPos)
Overall Dimensions:	304L x 173W x 225TH	Terminal Type:	Dual SAE / Stud
Wet Battery Weight:	22.5 Kg	BCI Group / JIS	27-DC / N70ZZ-DC

Cycle Charge : 14.1 ~ 14.5 V between 20~30 ™, Maximum Charge Current : 25A

Float Voltage : 13.5 Volts @ 27™, Maximum Charge Current : 25A

Note : To prevent from over-charged issue, user should be recommended to use Constant Current charging method.

To avoid over-charging, user is recommended to use constant voltage charging method.