

# DUAL EFB Professional Marine (starting & deep cycle)

## SM12-190 EFB (190Ah - 1050Amp)



### DATA SHEET

### CHARACTERISTICS



Item	Specifications	
Nominal Voltage	12V	
Nominal Capacity (20Hr)	190Ah	
SAE CCA (Cold Cranking Ampere)	1050A	
Dimension	Length	510mm
	Width	221mm
	Container Height	217mm
	Total Height (with Terminal)	216mm
Approximate Weight	Approx 44.7kg	
Terminal Shape	Standard shape according to EN standard	
Terminal Layout	Layout 3	
Container Material	PP (polypropylene)	
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Capacity affected by Temperature	40°C (104°F)	105%
	25°C (77°F)	100%
	0°C (32°F)	85%

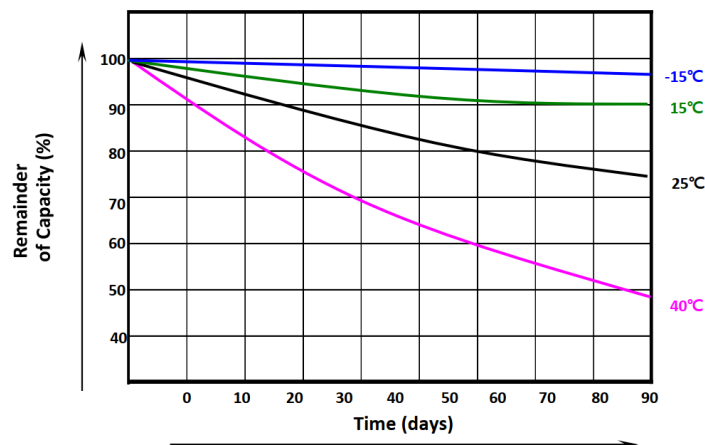
### APPLICATIONS

### GENERAL FEATURES

DUAL EFB Professional Marine batteries are ideal for high starting and extra reserve power for accessory loads.

- MARINE and RV
- Engine start
- Renewable Energy
- Extra reserve capacity for accessory loads
- Delivering stable power with moderate energy requirements
- High starting and extra reserve power for accessory loads
- higher cycle life than conventional starter batteries
- Maintenance free design
- Robust dual terminal for convenient connection
- Excellent start ability

#### Self-discharge Characteristic



#### Test definition (EN50342:2001)

EN CCA: The battery is required to meet a voltage of 7.5V after 10 seconds and after 10 seconds rest, the battery is further discharged @ 0.6 x original current and is required to complete 73s until 6V in the second stage giving a total combined discharge period of 90 seconds [assume initial period equates to (10s/0.6) 16.7 seconds.]

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Drawing

