



# EAST PENN DEKA MARINE MASTER DC31DT

## ADVANCED LIFE, POWER AND DURABILITY (A3)

### • EXTREMELY LOW MAINTENANCE – CALCIUM/CALCIUM

- BCI Group 31M, 12V
- CCA 650 / CA 810
- Reserve Capacity[min] 185 @ 25 A
- Reserve Capacity [Ah@20hr rate]: 105
- Weight: 59.5 lbs.
- Length- 13 in (330 mm)
- Width- 6 ¾ in (171 mm)
- Height- 9 ½ in (241 mm)
- Marine Terminal on top with Positive on LEFT

QUALITY SYSTEM  
CERTIFIED TO  
**ISO 9001**  
**ISO/TS 16949**

QUALITY SYSTEM  
CERTIFIED:  
**ISO 9001**  
**QS 9000**  
WIRE & CABLE  
DIVISION:  
**ISO 14001**

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- Increased grid frame tensile strength, resists plate growth to safeguard against life-threatening shorts.
- Thicker back web and puncture resistant separators prevent plate-to-plate electrical shorts
- Ultra-Pure Electrolyte with no impurities inhibits unnecessary water loss.
- Full-frame plate vs. expanded metal grid prevent exposed wire electrical shorts
- Advanced battery formation controls prevent high temperature damage and under-formed plates.
- **EAST PENN POWER-PERFORM PLATES , WHEN COMPARED TO LEADING COMPETITORS HAVE 13% LESS POSITIVE PLATE FAILURES.**
- **LAST 24% LONGER IN HIGH HEAT AND SEVERE SERVICE APPLICATIONS**
- **HAVE 25% LESS PREMATURE FAILURES THAN THE LEADING COMPETITORS**

East Penn’s Advanced-Cubed (A3) Technology utilizes internal components made with the finest life extending and power producing materials. These materials, such as the purest electrolyte and specially formulated oxide, are the same used in batteries for critical stationary applications with an extended design life. High-end components are precision crafted into the battery to achieve maximum durability. This process utilizes the most modern equipment to ensure that this is done in the most efficient way.

new ideas for a new age





Starting battery flush cover designs are maintenance-free allowing easy installation, replacement, and cleaning



DEEP CYCLE/  
STARTING BATTERY PLATE

Heavier grid and reinforced, high-density plate design withstands the demands of continual cycle service to provide more accessory power longer.



HEAVY DUTY DEEP CYCLE/  
BATTERY PLATE

Heaviest grid and reinforced, highest-density plate design withstands the demands of continual deep cycle service to provide more accessory power longer



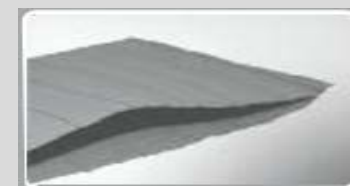
Heavy-duty deep cycle batteries also have special fiberglass mats to improve deep cycling and long-life performance.



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**EXCLUSIVE MOLDED-IN DUAL TERMINALS** provide an easy connection with post or corrosion resistant stainless steel stud.

**OPTIMIZED FULL-FRAME PLATES** better withstand severe service demands and provide maximum current transfer.

**EXTENDED LIFE SYSTEMS** include special separators to prevent life-robbing electrical shorts and protect power producing components

**FORTIFIED CURRENT CARRYING COMPONENTS** resist vibration and maximize performance throughout the battery's life

