

ST110D31LEFB Product Data Sheet

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Issued By: R & J Batteries PTY LTD

Delkor
CALCIUM BATTERY

Technical Information

Delkor #ST110D31LEFB is a genuine Enhanced Flooded Battery (EFB) designed for vehicles equipped with ISS (Idle-Stop-Start) fuel-saving systems. It is essential to use only EFB-type batteries in cars fitted with this technology.

Delkor EFB batteries feature a number of significant upgrades to ensure sufficient power supply to all accessories and multiple instant engine re-starts for smooth and reliable function of Idle-Stop-Start vehicles.

Note: Incorrect battery selection may cause fault codes to appear, and may impair the Idle-Stop-Start function. Industry tests show that non-EFB-type batteries can lose up to 16% of available capacity after just one week's use in an ISS-equipped car.

Installing a non-EFB type battery in an Idle-Stop-Start car will void the warranty.

Features and Benefits

- Correct OE replacement design and specification for ISS vehicles
- Thicker EFB-design Powerframe® positive plates
- Unique High-Carbon content negative plates
- Higher Reserve Capacity to power accessories during “engine off” periods
- Higher cranking power even at low state of charge for multiple engine re-starts
- Improved cyclic ability
- Rapid charge acceptance - vital for reliable ISS operation



Applications

Mazda CX-3 Diesel SkyACTIV
Mazda CX-5 Diesel SkyACTIV
Hilux Diesel upgrade 2007-2014
Landcruiser upgrade
Pajero Diesel upgrade
Patrol Diesel upgrade
Triton Diesel upgrade
Upgrade for all N70ZZL applications

Technical Specifications

Battery Type:	EFB Maintenance-Free	Container Material / Colour:	Polypropylene / Black
Voltage:	12	Lid Type / Colour:	Sealed MF / Black
Capacity (@20hr rate):	90Ah	Plate Type:	EFB Powerframe Lead-Calcium
Cold Cranking Amps -18°C, SAE:	820	Separator Type:	Low-Resistance Microporous envelope
Reserve Capacity:	125 Minutes	Assembly Layout:	0 (RHPos)
Overall Dimensions:	L 305 x W 172 x TH 224	Terminal Type:	SAE
Wet Battery Weight:	23.1 Kg	BCI Group: (JIS)	T110-EFB (N70ZZL)