

SB12V19E-EC

This newly developed Lithium battery is designed to replace the much heavier 20 to 25 Ah lead/acid battery.

Safety

super B batteries are based on Lithium Iron Phosphate technology (LiFePO4). This Lithium Ion technology used in super B batteries is the safest Lithium Ion technology available today. On top of that our bespoke casing and electronics further increase safety and durability.

- **Recharges much faster**
- **Longer service life**
- **Only 1/3 of the size**
- **Weighs less**
- **Low self discharge**
- **High temperature starting**

Technical specifications SB12V19E-EC

SKU/EAN13	8718531360143
Battery Designation	4IFP83/121/182-6
Height (mm)	180,50 / 181,50
Diameter (mm)	NA
Width (mm)	119,50 / 120,50
Thickness (mm)	81,50 / 82,50
Nominal voltage (V)	12,8V

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Charge method	CCCV
End of charge voltage (V)	16,4V
End of charge voltage (V) for endurance (cycle life)	14,6V
Charge current (A)	19,2A (1C)
Charge current (A) for endurance (cycle life)	9,6A (C2)
End-of-discharge voltage (V)	8V
?End-of-discharge voltage (V) for endurance (cycle life)	10V
Discharge current (A)	72A (4C)
Discharge current (A) for endurance (cycle life)	19,2A (1C)
Discharge pulse current (A) (10 seconds)	168A (8C)
Discharge pulse current (A) (1 second)	168A (8C)
Discharge performance at 20 °C (rated capacity)	19,2Ah / 253,44Wh
Discharge performance at –20 °C (capacity)	17,28Ah / 228,096Wh
High rate discharge performance at 20 °C (capacity)	15,36Ah / 202,752Wh
EqPb (Equals Lead acid battery)	15 to 20Ah
Operating temperature range (Charge)	-20°C to +60°C
Operating temperature range (Disharge)	-20°C to +60°C
Storage temperature range	-20°C to +60°C
Weight	2,5kg

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