REDBOX
INTERNATIONAL

RB12VT5200-P

RB12V T5200-P

This newly developed Lithium battery is designed to replace the much heavier 12 to 15 Ah lead/acid battery

RB12V T5200-P	
SKU/EAN13	8718531360013
Battery Designation	4IFP63/115/85-2
Height (mm)	83.50 / 84.50
Width (mm)	113.50 / 114.50
Thickness (mm)	61.50 / 62.50
Nominal voltage (V)	13.2V
Charge method	CCCV
End of charge voltage (V)	15.2V
End of charge voltage (V) for endurance (cycle life)	14.4V
Charge current (A)	20A (4C)
Charge current (A) for endurance (cycle life)	6A (1C)
End-of-discharge voltage (V)	8V
End-of-discharge voltage (V) for endurance (cycle life)	10V
Discharge current (A)	140A (30C)
Discharge current (A) for endurance (cycle life)	4.6A (1C)
Discharge pulse current (A) (10 seconds)	240A (52C)
Discharge pulse current (A) (1 second)	300A (65C)
Discharge performance at 20 °C (rated capacity)	4.6Ah / 60.72Wh
Discharge performance at –20 °C (capacity)	4.14Ah / 54.648Wh
High rate discharge performance at 20 °C (capacity)	4.37Ah / 57.684Wh
EqPb (Equals Lead acid battery)	10 to 12Ah
Operating temperature range	-30°C to +60°C
Storage temperature range	-50°C to +60°C
Weight	0.850kg

Safety

RB12VT5200-P batteries are based on Lithium Iron Phosphate technology (LiFePO4). The Lithium Ion technology used in this battery is the safest Lithium Ion technology available today. On top of that the bespoke casing and electronics further increase safety and durability.

F.I.M. / Stock Racing

The F.I.M. modified the regulations for stock racing regarding battery use.
Article 2.7.9.5 Battery: The Battery may be replaced. If replaced, its nominal capacity must be equal to or higher than the Homologated type. The F.I.M. has approved this battery for use as replacement battery.

- ***Recharges much faster***
- ***Longer service life***
- ***Incredible small size***
- ***Weighs less***
- ***Low self discharge***

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