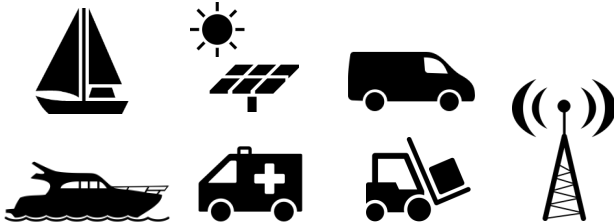


NP Series Batteries

The NP Series of batteries are the perfect choice for vehicle body builders who are looking to fit auxiliary batteries aboard service and fleet vehicles.



- Sealed Lead/Acid AGM Design for safe installation in vehicle cabins
- Can be mounted in any orientation to maximise the impact of batteries on vehicle space
- Over 1200 cycles down to 30% DoD and recoverable even if cycled to completely flat to ensure that battery withstands accidental excessive discharge
- Operating range of -15 to $+60^{\circ}\text{C}$ to ensure successful use in both winter and summer climates
- Excellent stand-by charge retention



Obtaining quality batteries for auxiliary vehicle use is a minefield for vehicle builders. With extremes of quality, price and performance it is difficult to get the balance right for providing end-users fit-for-purpose batteries within a sensible budget. NP Series batteries are designed and built by EnerSys, the World's largest supplier of industrial batteries.

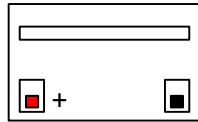
Merlin and EnerSys have a formal partnership for addressing various markets globally. We have worked extensively with EnerSys who independently verified our battery monitoring technology to be the industry best. This has then been employed by us during in-field tests to identify the NP series to be an ideal all-rounder for the vehicle fleet business.

NP Series batteries should not be confused with low-cost, low-quality "leisure" batteries. Nor should they be confused with exotic brands originally designed for the luxury yacht market. NP is a mid-market battery designed to give dependable deep cycle use at an attractive price.

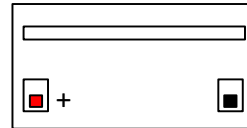
Supplied with an 18 month warranty extendable to 3 years if used in conjunction with Merlin Battery Management Products.

NP Series Batteries

Terminal Layouts:



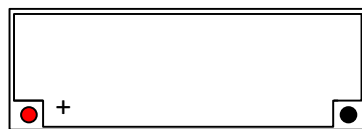
NP-75



NP-100



NP-120



NP-150



NP-200

Specifications:

MODEL	NP-75	NP-100	NP-120	NP-150	NP-200
MERLIN PART #	06-3001	06-3002	06-3003	06-3004	06-3005
INDUSTRY STD EQUIV SIZE	24T	31T			4D
NOMINAL VOLTAGE	12V	12V	12V	12V	12V
CAPACITY @ 20 HR RATE	75Ah	100Ah	120Ah	150Ah	200Ah
CAPACITY @ 10 HR RATE	67.5Ah	90Ah	108Ah	135Ah	180Ah
RETENTION AFTER 6 MONTHS	85%	85%	85%	85%	85%
BATTERY TYPE	DEEP CYCLE, SEALED AGM				
MOUNTING ORIENTATION	ANY ORIENTATION WITHOUT LEAKAGE				
CYCLE LIFE 30% DoD	1500	1500	1500	1500	1500
CYCLE LIFE 50% DoD	600	600	600	600	600
CYCLE LIFE 100% DoD	250	250	250	250	250
LENGTH - MM	259	329	407	483	520
WIDTH - MM	168	172	173	170	260
HEIGHT - MM	207.5	214	234.5	241	208
WEIGHT KG	26.5	30.8	41.3	46.8	74
TERMINAL	M6 Stud	M6 Stud	M6 Stud	M6 Stud	M6 Stud



All specifications are provided in best possible faith but may be subject to change without notice. The Merlin Logo, slogan "The Power People" and M-Power are trade marks of Merlin Equipment Limited. All business is transacted according to our Standard Terms & Conditions, a copy of which is available upon request.

Merlin Equipment Limited, Unit 4, Cabot Business Village, Poole, Dorset, BH17 7BA, United Kingdom

T: +44 (0) 1202 697979 F: +44 (0) 1202 691919 W: www.merlinequipment.com