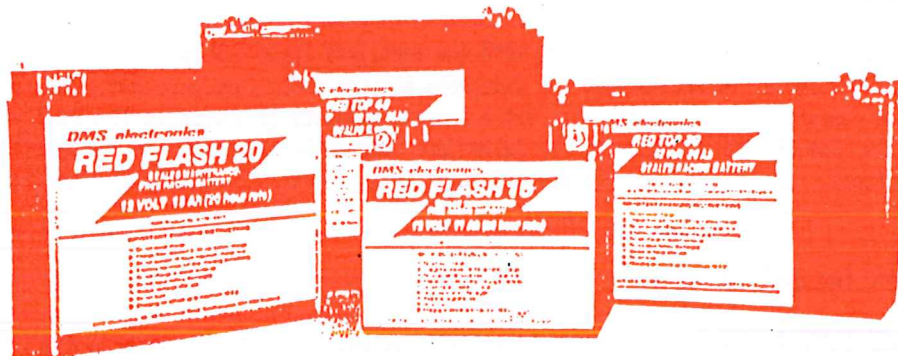
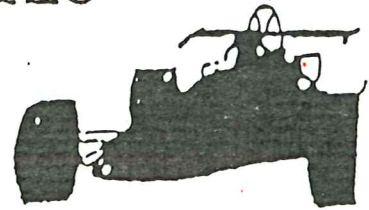


DMS electronics

RACING AND RALLY BATTERIES
A COMPLETE NEW RANGE
HIGH PERFORMANCE
MAINTENANCE FREE



DMS Electronics are now established as the World Leader in Racing Car Battery Technology. We can now offer a complete range of high performance, maintenance free batteries that we have adapted for the Racing and Rally markets using the latest technology. These new high tech batteries will store for up to two years and will not leak acid even if damaged.

BATTERY DATA

TYPE	VOLTAGE	CAP/AH	WEIGHT	DIMENSIONS	TERMINATIONS
Red Top 40	12	35	11.8kg	250mmLx97Wx210H	M6 Studs c/w wing nuts
Red Top 30	12	26	8.4kg	250mmLx97Wx156H	M6 Studs c/w wing nuts
Red Flash 20	12	14	4.62kg	152mmLx88Wx146H	M6 Nut & Bolt
Red Flash 15	12	11	4.5kg	150mmLx87Wx130H	M6 Nut & Bolt

RED TOP 30/RED TOP 40

For endurance racing and rallying where extra capacity is required together with high surge current and the ability to withstand high shock and vibration.

RED FLASH 15/RED FLASH 20

Use where lower capacity is acceptable. Significant weight and reduction can be achieved while keeping the same high starting performance.

KIRKPACELTD.

Unit A7, The Premier Centre.
Abbey Park, Romsey.
Hampshire, SO51 9AQ.

DMS electronics

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Telex : 477575 SHARET

DMS RED TOP AND RED FLASH RACING BATTERIES

ADVANTAGES OF THE RED TOP AND RED FLASH RACING BATTERIES:

- | | |
|---|---|
| *Sealed Construction | *Batteries charged before despatch |
| -no topping up | -can be stored for up to 12 months before use. |
| -no electrolyte leakage (even if outer case is damaged) | -short freshening charge only is needed before use. |
| *Excellent High Discharge Performance | *Light weight |
| -Easy starting | -can be fitted upright or laying down. |

BATTERY SELECTION

The RED TOP 30 is recommended for Racing Cars with low ancillary loads and as a general replacement for the Varley Green Top. The RED TOP 40 is recommended for Endurance Racing, where cars have additional loads (ie. lights, wipers etc.) or where assurance is required that extra reserve capacity is available to finish an event even if the alternator fails. The RED TOP 40 is ideal for Rally Cars. RED FLASH 15 and 20 are recommended where size and weight are very important, but where a reduced overall capacity is acceptable. Excellent cranking performance is still maintained.

USING RED TOP AND RED FLASH BATTERIES

RED TOP and RED FLASH Racing batteries are charged when despatched from the works. A short charge is recommended before use. Before storing the battery for any length of time, fully recharge to ensure maximum battery life. After use without recharge (car with no alternator) ensure that the battery is charged as soon as is practical. NEVER LEAVE BATTERIES IN A DISCHARGED CONDITION.

STATE OF CHARGE

The table below gives Open Circuit Voltages against Percentage Nominal Capacity available. Open Circuit Voltages were measured after 16 hours stand.

Nominal Capacity	Open Circuit Voltage
100	13.06
75	12.80
50	12.47
25	12.10
0	11.70

CHARGING THE VEHICLE

The charging source must be an alternator set to 14.4V (25 deg C) in normal operation.

CHARGING OFF THE VEHICLE

The use of a standard car battery charger of 4-6 amps rating is acceptable. Under normal conditions charge batteries for the maximum times shown below:-

Red Flash 15	6 hours
Red Flash 20	10 hours
Red Top 30	16 hours
Red Top 40	24 hours

If the battery has been partially discharged, it should be left on charge until the current drawn has fallen to 1.5 amps. It is neither necessary, nor desirable to charge RED TOP or RED FLASH batteries for longer periods than those indicated. DO NOT USE A BOOST CHARGE WITH DMS RED TOP OR RED FLASH BATTERIES.