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High-power battery boost from GYS

French battery charger manufacturer GYS has launched a new self-contained 12V and 24V mobile battery booster pack, created with long life and high performance in mind.

The GYSPACK PRO 12.24 has been designed for commercial vehicle, automotive, agricultural fleet operators and vehicle repairers – for use both in the workshop and on-site.

The device, which GYS says is among the most powerful on the market, delivers a maximum 6200A for a 12V battery and 3100A for a 24V battery.

The firm has said the booster is an antidote to one of the largest frustrations for fleet and workshop operators: the short charging life and longevity of booster packs. If fully charged, the GYSPACK PRO can start up 28 trucks with 12V batteries or 16 with 24V batteries between recharging. This measurement is taken at 1v per cell with an output power of 850A over five seconds with a two-minute pause between each start.

To maximise performance, GYS uses high-specification batteries in its booster pack. The product also features an on-board 'Batium' battery charger, containing an advanced microprocessor, to maintain the maximum battery charge in the unit and prolong its operating life. The unit can be recharged to full capacity in two hours.

Further benefits include on-board protection for the vehicle, warning against polarity inversion and connection to battery terminals without any sparks. Meanwhile, a 20A fuse safeguards the unit against power supply variations. The 40kg unit is supplied with high-quality cables and a trolley for manoeuvrability.

GYS also supplies a battery support unit, the Inverter 70:24 HF, which recently won the Equipment Innovation Award 2010 from Group Auto in France.

It supports 6V, 12V and 24V vehicles to ensure that a stable voltage is maintained whenever there is a 'key on engine off' requirement. This is particularly useful during diagnostic work, when the power supply should be maintained at a consistent, minimum voltage.

The Inverter 70:24 HF measures the current draw on the battery throughout the diagnostic process, instantaneously matching the current up to 70A (or 35A in 24V). This ensures diagnostics can be completed without interruption, false readings or damage to vehicle components through power loss.

The Inverter is also an advanced battery charger, employing both Flexible Voltage and Power Factor Correction (PFC) technology to allow it to automatically adapt to any input voltage between 85V and 265V. It performs effectively where there are sub-optimal power supplies caused by an imperfect generator or long extension leads, and also features a power de-sulphation facility to prolong battery life.

Other recent innovations from GYS include a new series of jumper-starter cables suitable for CV and agricultural equipment mechanics as well as professional and DIY automotive mechanics. The cables are designed to be durable and feature heavy-duty bronze clamps for extra strength and conductivity.

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