

News

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## TELECO upgrades its multi charger to optimise battery used time in an RV

The new TELECO TBCM PRO 45/30/350 offers even more power for charging any type of battery by automatically choosing the best source. It has been redesigned with a host of new features and options to provide the perfect solution to optimise battery usage time in an RV.

One year after the launch of its innovative charger for RVs, capable of managing different charging sources for all types of battery, TELECO presented an upgrade of its multi-charger with enhanced features and power at the Caravan Salon Dusseldorf.

The new TBCM PRO 45/30/350 (which replaces TBC3i PRO 30/20/250) is designed to charge on-board RV service batteries by selecting the best power source in a completely automatic way between the AC grid, the power generator, the vehicle alternator and photovoltaic modules.

Compared to the earlier version, RV service battery charging performance has been improved: the peak charge current from the alternator through the converter/booster has increased from 30 to as much as 45 A; the peak charging current when connected to the AC grid has increased from 20 to 30 A; the peak capacity of the photovoltaic modules managed by the MPPT regulator has increased from 250 to 350 W.

The new TELECO TBCM PRO 45/30/350 has a brand new design that also includes an integrated OLED display and a control console located directly on the unit. It is also possible to install an external control panel with OLED display, completely redesigned and with the same "family feeling" as the automatic antenna control panels.

"We are also proposing this product to RV manufacturers as original equipment, and we are certain that it will be extremely successful as an aftermarket option", says Vittorio Simioli, co-founder of Teleco Group, "It is an outstandingly complete and very versatile charger. Whoever buys a LiFePO4 lithium battery needs to rely on a system capable of efficiently managing charging. This new generation of multi chargers are All in One systems capable of delivering top performance in any situation, to offer modern motorhomers all the usage time they need for their carefree holidays."

The new charger is also compatible with CI-BUS, a data transmission system developed on a shared platform by the European caravanning industry, and with Teleco HUB.

This updated version includes many innovative features. For example, the Bridge feature, useful if the engine battery runs flat and it is not possible to charge it off conventional sources.

An (optional) external relay allows users to draw current in a controlled manner from the service battery and feed it back into the engine battery. After a few minutes, the engine can be restarted. Another asset is the possibility of operating the air conditioner when the vehicle is in motion.

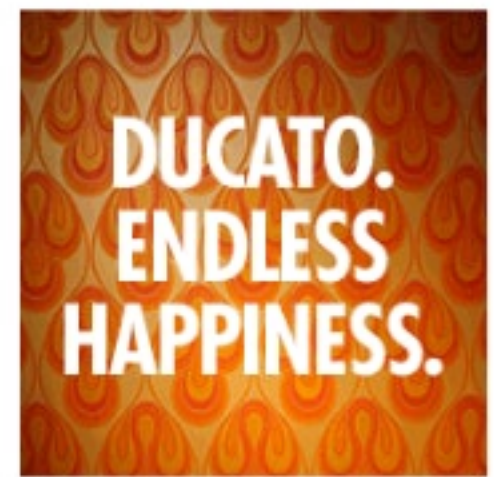
The TELECO/TELAIR air conditioners can be operated while driving using energy from the batteries, but TBCM PRO 45/30/350 enters power saving mode when 45 A absorption is exceeded. An (optional) special relay directly connects the air conditioner to the vehicle's alternator and allows the current to flow directly into the air conditioning system, powering it while the RV is in motion.

"We have thought of many applications for our multi charger", continues Vittorio Simioli. "First of all, the user does not have to worry about anything, because the charger automatically chooses the ideal charging source. In the event of a low battery, it can also automatically start one of our generators from the TIG range. Secondly, when charging takes place via photovoltaic modules and if there is plenty of power available, our multi charger can control the trivalent refrigerator with AES (automatic energy selector) and can automatically switch from gas-powered operation to 12 Volt operation. Additionally, our charge converter with booster always ensures a full recharge during any trip – short or long. And, it optimises charging with Euro 6 diesel engines where the alternator no longer works under constant voltage, but has peaks and other times where low voltage is delivered. Our DC/DC converter stabilises the voltage supply."

TBCM PRO 45/30/350 is equipped with an integrated system to keep the batteries charged even during long storage periods and provides 8 different charging curves for lead-acid, AGM, GEL and LiFePO4 batteries. It is compatible with all charging stations on campsites and in laybys.



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### Caravan Industry Victoria cancels the 2021 Bendigo Caravan & Camping Leisurefest

The Caravan Industry Victoria has announced that the 2021 Bendigo Caravan & Camping Leisurefest has been cancelled.

03/11/2021