

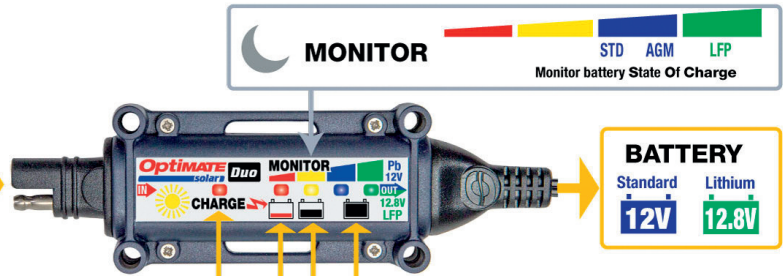
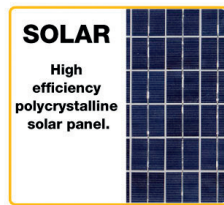
# Expanding the Duo Concept

In the past, solar chargers have been a reluctant purchase for many - not only are they more expensive than a comparative AC powered battery charger, but many also find that the lack of information and feedback during charging is discouraging. The typical solar charger does not indicate charge progress, how fast it is charging, if at all, and then (literally) at the end of the day, how much charge the battery received.

TecMate's solar chargers have changed that - the smart controller answers all those questions. When the sun is up, you can follow charge progress on the LED control panel; when the sun is down, even in the dark of night, the same LED panel displays how much charge the battery is holding.

And now its solar chargers have made it even easier - there is no need to think what battery you want to charge. The latest OptiMate combination charger and battery monitor automatically saves, charges and maintains both 12V lead-acid (Pb) and 12.8V/13.2V Lithium Ferrous Phosphate (LFP) batteries.

When charging, the controller optimizes power output according to incoming sun power. So, on a cloudy day it collects that slow incoming power and delivers pulses of charge that are more effective



than a very slow trickle of current; in full sun it delivers continuous power, i.e. the fastest charge. TecMate offers different sizes of OptiMate SOLAR DUO chargers - 10W is the entry level and ideal

for smaller batteries, delivering 0.6A on average. The OptiMate SOLAR DUO 20W model is ideal for larger battery maintenance, even that of a car or pickup truck - delivering 1.2A on average.

The OptiMate SOLAR DUO 40W models deliver 2.4A (average) to 3.3A (max.), great for faster charging next to the track or out in the middle of nowhere on a riding adventure.

Martin Human, CEO/CTO of TecMate, says: "We can all agree that no one really cares about their battery until it's dead.

**tecMATE**  
**OptiMate**

Then they might wonder what battery is in the vehicle and how it needs to be charged - but only then!

"We've made that part extremely easy - all you have to do is connect an OptiMate SOLAR DUO charger to your battery, point the panel to the sun, and the 'no brainer' solar maintainer does the rest! Plus, at night the monitor mode will tell you how far it got. Smart solar charging has arrived!"

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