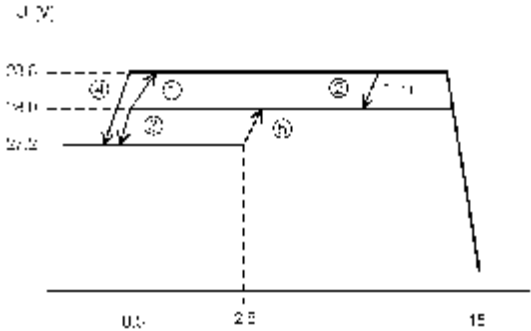


Recharging Process Control

DC/DC converters Ekotronic can charge a battery at the output (option B) using simple IU characteristic (I-output current limit, U - output voltage level). DC/DC converter D600 may be further equipped with a microcontroller module for advanced recharging process control. This is intended either when the converter is used as a power source for board net appliances, board battery at the output (options M2).

Option M2 (IUoU characteristic):



1. output voltage increased when current is lowered
2. 14.4 V limited for 1 hour
3. follows (2) when current is lowered again
4. switch-over to conservation voltage
5. wake-up and restoring initial output voltage (14 V)

Time behaviour (U, I as functions of t) is shown in two characteristics which correspond to that one in U – I coordinates.

