

Battery Option

Datasheet

INTRAs controller includes a circuit to bridge power-fails not lasting longer than 12 hours (min., 24 h typical). Of course, the tracker will stop, but its real time clock continues to run and the contents of the RAM of its controller - and hence the position of INTRAs axis - is preserved. If power comes back within the above stated interval of 12 hours, INTRA will automatically resume pointing.

The case looks different if the duration of the power-fail exceeds the capacity of the power back-up circuit. INTRAs controller will then lose its actual position and its clock will lose date and time. In order to prevent damage to the instrument, we have programmed the controller in such a way, that it will go on standby if power comes back. In order to resume pointing, operator intervention will be necessary. This is where the battery option comes in: With the battery option, INTRAs ability to bridge power-fails becomes virtually unlimited.

Technical Data

battery:	Lithium cell maxell ER6K
life-time:	10 years
capacity:	2 mAh This capacity allows to hold contents of RAM of controller during weeks of power fails.
interface:	installs into the drawer of the controller.

Ordering Information

parts number: TE02

Important Note: It is good practice to disconnect the battery option from the controller board if INTRA is out of operation or stored on shelf during extended periods.

The battery option comes with an installation kit (for fixation and documentation), complete with cable and connector. If you order an INTRA with battery option, we will of course install the option for you (See also note above).

