



SM15K Firmware Revision History

Legend:

- B = Bug fix
- \$ = valuable improvement
- N = New feature

Changes from P0103 to P0104

- N Master/Slave operation:
Up to 20 pcs SM500-CP-90 can be connected and controlled in parallel.
- \$ Front / Eth/ Web:
Ready for Master/Slave operation and control of systems up to 300KW.
- \$ INT MOD SER:
Ready for systems up to 300KW.
- N Interface updating:
Installed interfaces are automatically detected and updated during a unit firmware update.
- B PROG:SEL:LABEL?
When two or more labels exist, only one was replied.
- B Sequencer:
INC and DEC commands didn't work properly on SCN and SPN.
With the commands CJL and CJG, MC and MP didn't work properly on negative values.

Changes from P0102 to P0103

Important

- \$\$ Regulation:
Output regulation is significantly improved for capacitive loads.
- \$ Temperature control:
The regulation of the temperature could lose its smooth behaviour under certain conditions.
Overshoots of the fans speed are suppressed now.
- N Knob A:
The function of Knob A can also be chosen on the web server page.

B *PUD?:
An empty PUD resulted in two linefeeds when queried by *PUD?. Now it replies with just one terminator.

B Communication:
A memory leak is repaired in the operating system, which resulted in communication problems after several days of continues operation.

Changes from P0101 to P0102

N Stepsize:
Via Ethernet commands the digital step size of the voltage and current programming can be queried.

\$ Manual:
Content of the manual is updated.

B Program:catalog?:
Entire list is replied instead of just one entry.