



SM6000



SM1500



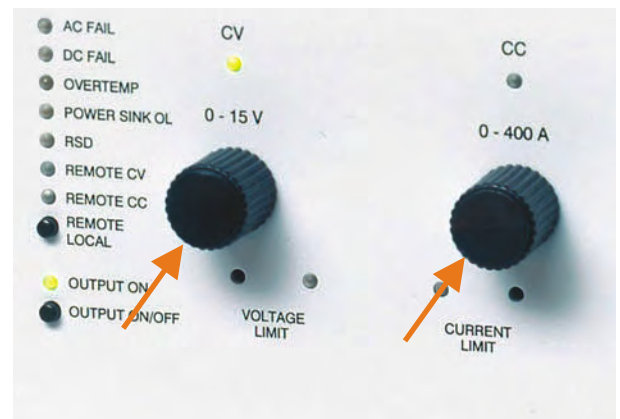
SM800



## DIGITAL ENCODERS

Models	Order Code
SM 800	Option P236
SM 1500	Option P220
SM 6000	Option P220

- Very long life time
- Variable operating resolution
- Extra safety with Start-up and KEYLOCK mode



Digital encoders for CV and CC setting

With this option the unit has two digital encoders to set the voltage and the current on the front panel instead of the normal resistive potentiometers. This option features extra safety functions and a very long life time.

### Variable operating resolution

Operating resolution depending on the rotation speed. The encoder works as a standard 10-turn knob when rotated fast. When rotated slowly, the encoder works as a 64-turn (!) knob for fine tuning. It is then possible to set the output voltage and current with a 12 bit accuracy.

### Selectable Start-up mode

With this option it is possible to choose between always starting up at a safe 0 V - 0 A, or starting up with the last settings of the voltage and current.

### The KEYLOCK mode

Besides the REMOTE/LOCAL and the OUTPUT ON/OFF buttons, also the CV and CC knob are disabled in KEYLOCK mode.

When the CV and CC knobs are rotated in this mode, the settings do not change and the CV or CC LED flashes as an indication.

This prevents the unit from accidental shutdown or changing of the output and programming settings.

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