



**Your access  
to the  
PV simulation**

 **REGATRON**  
[www.regatron.ch](http://www.regatron.ch)

# TopCon AAP

the established solution

# TopCon SASControl Software

PV process automation and visualization

# TopCon TC.LIN

the linear Post-Processor Unit



Nominal power: 10-32 kW, scalable as multi-unit system up to 1,5 MW



Multi Rack Controller MRC with 384 kW TopCon multi-unit system

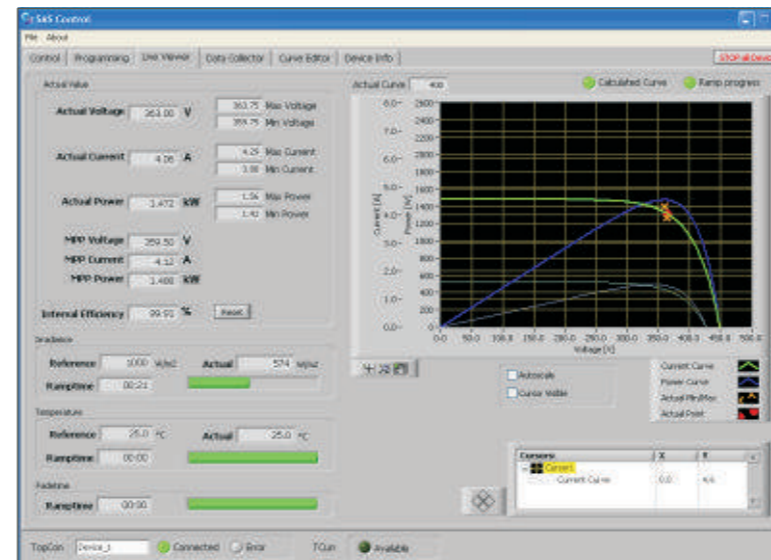
### At a glance

- System voltage up to 1200 V
- Editable functional curve  $I=f(U)$
- Internal curve memory
- X and Y scaling
- Programmed crossfade function
- EXCEL - Compatibility
- TopControl operating and service software
- Customer program interface via DLL

### At a glance

- Live Viewer for PV curves and actual values
- Dynamic MPP calculations
- Statistics of actual values and MPP
- Sequence control for sequences / diurnal variation
- Automated tests for EN50530 and free programming for customer-specific test procedures
- Easy-to-learn scripting language «SASScript» with powerful commands

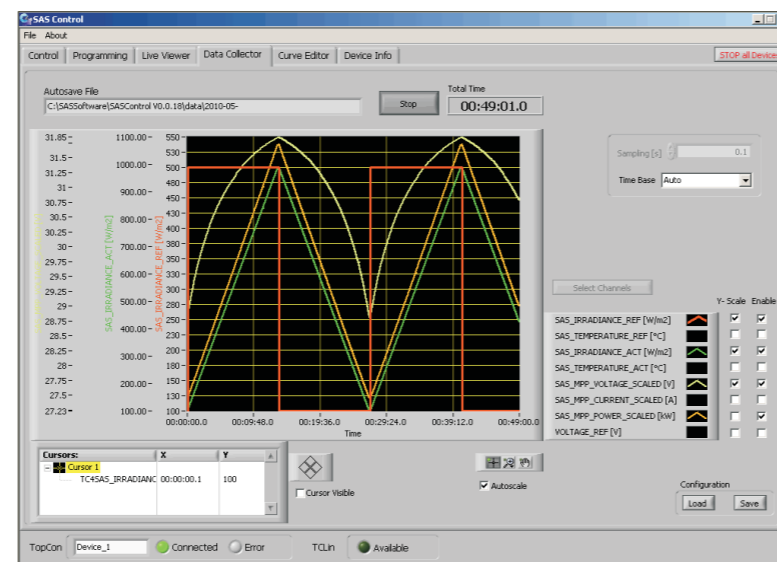
Continued ...



Live viewer window



TC-LIN / TopCon - Mobile system



Tests to EN50530 in the 8-Channel Data Logger

... Continued

- 8-channel online data visualization and storage
- Energy meter for efficiency calculations
- Definition of the PV curve
  - via data table (Multi-maximum)
  - via parameter calculation (According to EN50530 model)
  - from TopCon curve memory
- Log functions and user interaction

### At a glance

- Highly dynamic Post-Processing Unit
- Current and voltage regulation
- Innovative FET technology
- Full digital control
- Switchable current ranges for enhanced resolution
- High resolution 14.5 bit
- Optimized power loss
- System voltage up to 950 V
- Fully digital parameterized
- Parallel operation possible

# Regatron DC power supplies

## Overview Standard devices of Series TopCon Quadro

output voltage (VDC)	output power (kW)	output current (A)
0-52	0-10	0-250
0-52	0-16	0-400
0-52	0-20	0-500
0-52	0-32	0-700
0-65	0-10	0-193
0-65	0-16	0-308
0-65	0-20	0-385
0-65	0-32	0-600
0-100	0-10	0-125
0-100	0-16	0-200
0-100	0-20	0-250
0-100	0-32	0-400
0-130	0-10	0-96
0-130	0-16	0-153
0-130	0-20	0-192
0-130	0-32	0-308
0-200	0-10	0-63
0-200	0-16	0-100
0-200	0-20	0-125
0-200	0-32	0-200
0-400	0-10	0-31
0-400	0-16	0-50
0-400	0-20	0-63
0-400	0-32	0-100
0-500	0-10	0-25
0-500	0-16	0-40
0-500	0-20	0-50
0-500	0-32	0-80
0-600	0-10	0-20
0-600	0-16	0-32
0-600	0-20	0-40
0-600	0-32	0-66
0-800	0-10	0-16
0-800	0-16	0-25
0-800	0-20	0-32
0-800	0-32	0-50
0-1000	0-10	0-13
0-1000	0-16	0-20
0-1000	0-20	0-25
0-1000	0-32	0-40
0-1200	0-20	0-20
0-1200	0-32	0-33

– Voltage supply: 3 x 400 Volt for 10/ 16/ 20/ 32 kW  
3 x 480 Volt for 20/ 32 kW  
at 48-62 Hz

– Detailed specification to be found  
in the type-specific datasheet

– Customer-specific types:  
on request from manufacturer



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