

# BPS 202

Burst Power Station



## Short description

The BPS 202 is used as power supply and control unit for the Langer EMV-Technik GmbH pulse probes. The control unit is connected to the user PC via an USB interface. BPS 202-Client software does the controlling. With the BPS 202 input "sync" interference pulses of the connected probes can be synchronized on the functional process of an IC.

- Adjustment of the pulse frequency and pulse current
- || Single pulse or pulse sequence
- || External triggering possible
- || Adjustable trigger delay

## Technical parameters

<b>Output voltage</b>	$\pm (50 \dots 500) \text{ V}$
<b>External trigger input</b>	TTL / BNC
<b>Trigger-pulse delay (Bypass Mode - Delay Line)</b>	
min. Trigger-pulse delay (typ.)	30 ns
max. Jitter (typ.)	$\pm 1 \text{ ns}$
<b>Trigger-pulse delay (Timer Mode)</b>	
min. Trigger-pulse delay (typ.)	130 ns
max. Trigger-pulse delay (typ.)	100 ms
max. Jitter (typ.)	$\pm 15 \text{ ns}$
Trigger delay, min. increment	10 ns
<b>Supply voltage</b>	12 V / 1 A DC
<b>Weight</b>	300 g
<b>Sizes (L x W x H)</b>	(175 x 122 x 51) mm
<b>Software</b>	BPS 202-Client / DLL (32 Bit / 64 Bit) Win XP SP3 or higher