

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

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