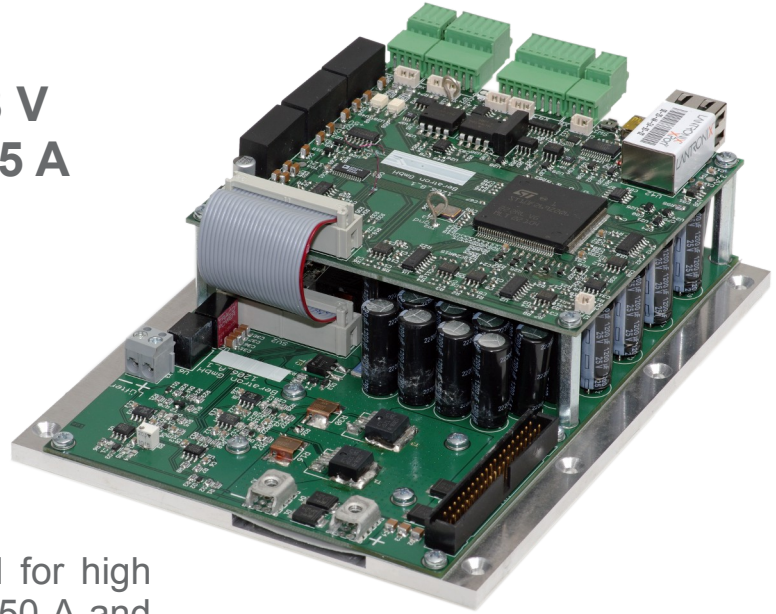


Supply 24 - 28 V/DC
Output 0 - 250 A QCW @ 2 - 18 V
max. average output current 25 A
up to 5 KHz
rise time 20 μ s
EIA232, USB, Ethernet, CAN,
analog
OEM applications



The OEM Driver Type 1206 is designed for high volume applications. It can drive up to 250 A and up to 18 V loads.

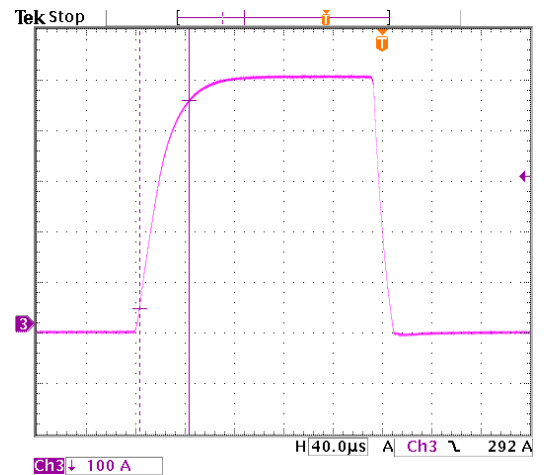
It can operate single diodes, bars or arrays. Pulse durations from 50 μ s to 1 ms are possible. The rise time is below 20 μ s.

Due to the linear concept ripple current is very low in comparison with true switching regulators.

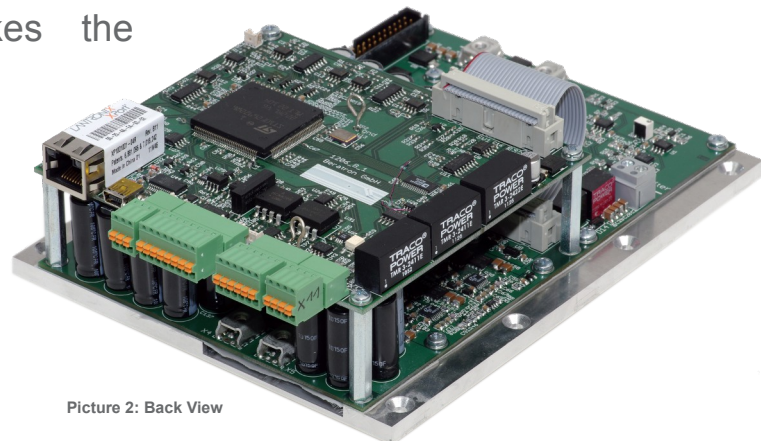
The maximum average output current is limited to 25 A. The 1206 can be operated up to 5 KHz and is supplied with 24 - 28 V/DC.

The device is short circuit proof and adapt the load automatically. They can be controlled via EIA-232, USB, CAN-Bus and Ethernet.

It is equipped with 2 independent Interlock circuits and an analog interface. That makes the integration in your environment easy.



Picture 1: rise- and falltime of a pulse



Picture 2: Back View

Supply	24 - 28 V/DC
Output current	0 - 250 A QCW
Output voltage	2 - 18 V self adaptable
Maximum average output current	25 A
Output current resolution	0,1 A up to 250 A
Accuracy (current > 20% of end of range)	2 %
Pulse rise time (10% - 90%)	< 20 μ s (depends on load)
Pulse fall time (90% - 10%)	< 20 μ s (depends on load)
Pulse width	50 μ s – 400 μ s (depending on current) Longer pulses with smaller current possible – automatically adaption of the range
Maximum operating frequency	5 KHz
Dimension	180 x 140 x 65 mm ³ (without connectors)
Interlock	2 independent interlock loops, potential free
Current Monitor	Analog 0V - 4V
External Trigger (Input)	5V over Optocoupler
Laser On Input	5V over Optocoupler
Trigger Out	TTL
Warning lamp	Relay output (1A, 30V)