

**CW / Modulating / Pulsed Driver MCM**

**NEW**



Diode Current:	max. 40A (CW), max. 80A (modulating, pulsed)
Diode Voltage:	max. 23V / 46V
Rise Time:	6 $\mu$ s
Frequency:	80kHz
Serial Interfaces:	USB, RS232, I <sup>2</sup> C
Features:	arbitrary wave forms, integrated pulse generator

**Fast Modulators FM, MSM, VFM**



Diode Current:	max 120A (CW), max. 240A (pulsed)
Diode Voltage:	max. 5V / 24V / 49V
Rise Time:	10ns
Frequency:	30MHz
Features:	arbitrary wave forms, trigger input

**CW Driver DPS X000**



Input Voltage:	87V ... 276V AC
Diode Current:	max. 100A
Diode Voltage:	max. 150V
Electrical Power:	1000W / 2000W / 3000W
Serial Interfaces:	RS232

**Pulsed Driver DPSP X000**



Input Voltage:	87V ... 276V AC
Diode Current:	max. 100A
Diode Voltage:	max. 100V
Rise Time / Frequency:	1 $\mu$ s / 20kHz
Electrical Power:	1000W / 2000W / 3000W
Serial Interfaces:	RS232
Features:	integrated pulse generator external pulse unit

**Modular Diode Driver with TEC Controller MDT**

**NEW**



Input Voltage:	25V / 50V
Diode Current:	max. 40A (CW), max. 80A (modulating, pulsed)
Diode Voltage:	max. 20V / 45V
Rise Time / Frequency:	6 $\mu$ s / 80kHz
TEC Current:	max. 16A
TEC Voltage:	max. 48V
Serial Interfaces:	USB, RS232, TCP/IP, WiFi, RS485, I <sup>2</sup> C
Features:	arbitrary wave forms, including Driver Supply Module for reduction of power dissipation
Option:	arbitrary function generator

**Laser Power Supplies  
Product Overview**

**CW Driver with TEC Controller DT**



Diode Current: max. 50A / 60A  
 Diode Voltage: max. 29V / 49V  
 TEC Current: max. 15A  
 TEC Voltage: max. 29V / 49V  
 Power: 400W / 800W / 1700W  
 Options: RS232 interface, Control Panel

**Pulsed Driver with TEC Controller DTP**



Diode Current: max. 50A / 60A  
 Diode Voltage: max. 29V / 49V  
 TEC Current: max. 15A  
 TEC Voltage: max. 29V / 49V  
 Rise Time / Frequency: 100ns / 200kHz  
 Power: 400W / 800W / 1700W  
 Options: RS232 interface, Control Panel

**TEC Controller**

**NEW**



Input Voltage: 25V / 50V  
 TEC Current: max. 10A / 16A  
 TEC Voltage: max. 23V / 46V  
 Temperature Sensors: PT100, Pt1000, KTY11-5  
 other sensors free configurable by customer  
 Serial Interfaces: USB, RS232, I<sup>2</sup>C

**Turn-Key System LS 400 / LS 400 FP**



Input Voltage: 88V ... 264V AC  
 Diode Current: max. 60A  
 Diode Voltage: max. 23V  
 TEC Current: max. 15A  
 TEC Voltage: max. 23V  
 Frequency: 5kHz (LS 400 FP)  
 Features: Control Panel, RS 232, Safety Interlock,  
 Pilot Laser, Shutter Control

**CW Driver for Lamp Pumped Systems LPS2000plus**



Input Voltage: 342V ... 506V AC  
 Power: 6000W  
 Output Current: 30A  
 Output Voltage: 350V DC  
 Boost Generator: 1000V / 3s  
 1800V / 10s  
 Features: RS 232, 19" rack version

**Laser Power Supplies  
Product Overview**

**Driver Supply Module DSM**

**NEW**



Input Voltage: 25V / 50V  
 Output Current: max. 20A / 40A  
 Output Voltage: 5V ... 23V / 10V ... 48V  
 Serial Interfaces: USB, RS232, I<sup>2</sup>C

**Accessories**

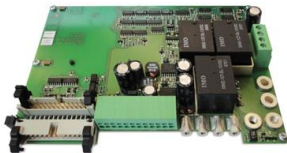
**Control Panel**



**RS 232 Interface**



**Safety Interlock**



**Buffer Capacitor**



**Further Accessories**

- Mounting Kits**
- Temperature Sensors**
- Subracks**
- Main Power Supplies**

For more detailed information see operating manuals or visit our website.