

PULSED LASER POWER SUPPLIES

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MULTITECH Ltd.

**PULSAR-200
CODLA-200
BP-50**

Diode Pumped Pulsed Laser Power Supply Series



- ▶ MICROPROCESSOR CONTROL
- ▶ RS-232 PORT FOR REMOTE CONTROL
- ▶ VARIABLE PULSEWIDTH
- ▶ HIGH POWER STABILITY
- ▶ INTERNAL TEC DRIVERS
- ▶ SIMPLE OPERATIONS
- ▶ OEM OR ORIGINAL DESIGN

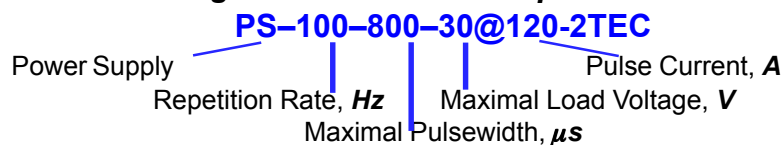
SPECIFICATIONS*:

Repetition Rate, Hz	10, 100, 300, 500, 1000, CW (Optional)
Pulsewidth, μ s	100, 150, 200, 300, 400, 500, 800, 1000, 15000
Load Voltage, V	2.5, 5, 7.5, 10, 12, 15, 20, 30, 40, 50
Pulse Current, A	30, 50, 60, 100, 120, 135, 150
Input Voltage	220 VAC, 50/60 Hz, 27 VDC (Optional)

* Specifications subject to change

SIZE:	298x120x340 mm	(Standard);
	240x98x82 mm	(Compact);
	19" 3 Unit Rack	(Optional)
WEIGHT:		2-7 Kg

A model designation includes its specification:





**Flashlamp Pumped Pulsed
Laser Power Supply Series**



**PLPS-1000
PLPS-1000x2
PLPS-1001
PLPS/TD**



- ▶ MICROPROCESSOR CONTROL
- ▶ RS-232 PORT FOR REMOTE CONTROL
- ▶ CONSTANT/VARIABLE PULSEWIDTH
- ▶ HIGH POWER STABILITY
- ▶ INTERNAL SIMMER POWER SUPPLY
- ▶ SIMPLE OPERATIONS
- ▶ SINGLE/DOUBLE OUTPUT
- ▶ OEM OR ORIGINAL DESIGN

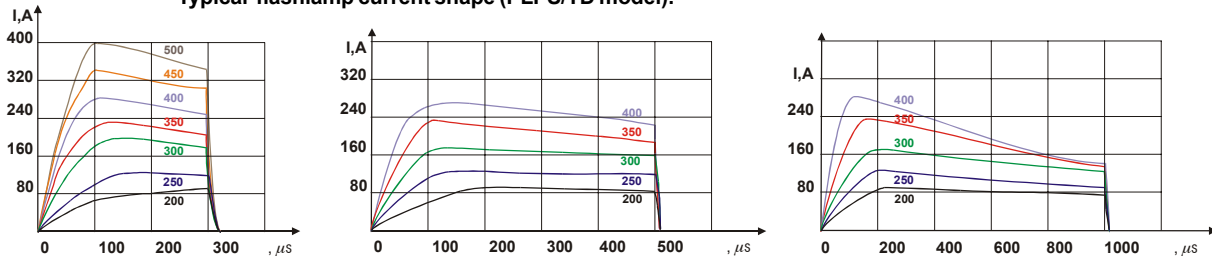
SPECIFICATIONS*:

Repetition Rate, Hz	10, 30, 40, 100 (PLPS/TD model)
Pulsewidth, μ s	300 (Standard), 100–9000 (PLPS/TD model)
Capacitor Charging Rate, J/s	1000, 1500, 1800
Charging Voltage, V	500, 1000, 1500, 2000 (maximal)
Trigger Pulse, kV	15–25
Simmer Current, mA	400 (3 A optional)
Maximal Pulse Energy, J	50, 100, 300, up to 500 (PLPS/TD model)
Capacitor Bank, μ F	100, 200, 4400 (PLPS/TD model)
Input Voltage	220 VAC, 50/50 Hz

* Specifications subject to change

SIZE:	220x430x620 mm	(Standard);
	19" 3 Unit Rack	(Optional)
WEIGHT:		15–25 Kg

Typical flashlamp current shape (PLPS/TD model):



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