

# OsTech power supply

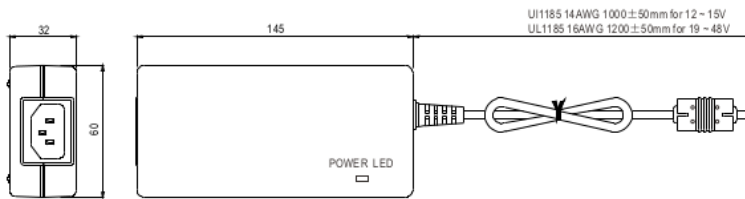
## Type: nt-90w-24vdc-oem-82

Tabletop-Power-supply for Ostech OEM devices

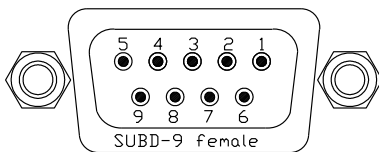
Vin: 90~230Vac  
 vout: 24Vdc  
 max. power: 90W

Cable length 24Vdc: 100cm / Dimension: 145x60x32mm / Weight: 0.45kg

On / Off switch at voltage output - Built-in active PFC function  
 No load power consumption<0.5W - Energy efficiency Level V  
 3 pole AC inlet IEC320-C14 - Class I power (with earth pin)  
 Protections: Short circuit / Overload / Over voltage / Over temperature  
 Fully enclosed plastic case - Fanless design, cooling by free air convection  
 LED indicator for power on



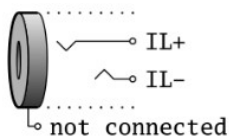
## Power and Support Connector



Sub-D 9, female Type  
 On / Off switch at connector housing

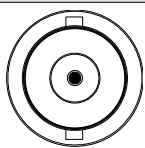
PIN.No	Abbr.	Function
4;5	SUP+	Power Supply typ. +24V DC
8;9	SUP0	Power Supply typ. 0V DC
3	ILOCK+	ca. 5mA over 2V
2	ILOCK-	Laser runs only on closed Interlock
6	MOD+	Digital and Analog Modulation Input; positiv Pin
1	MOD-	Digital and Analog Modulation Input; negativ Pin
3		n.c.

## Interlock Connector



Jack Connector Stereo 3.5mm / Interlock - Laser can only run if Interlock is closed;  
 (ca. 5mA over 2V ->  $R_{interlock} \leq 400R$ )  
 connect ILOCK- and ILOCK+ pin  
 Warning: do not connect (SCR) common screen pin

## AMOD/DMOD Connector - External Analog And Digital Modulation Input



BNC Type, Input-Impdanz 10kOhm  
 Digital & Analog Modulation with TTL-Pegel