

# OsTech power supply

**Type: nt-280w-24vdc-t-1m0-ds01o44-587**

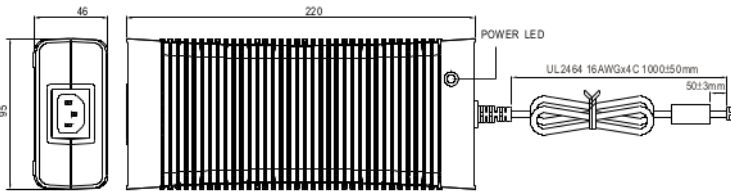
Tabletop-Power-supply for Ostech OEM devices

Vin: 90~230Vac  
 vout: 24Vdc  
 max. power: 280W

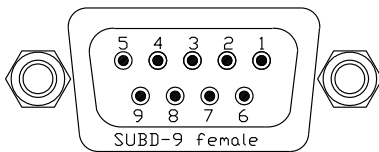
Cable length 24Vdc: 100cm / Dimension: 220x95x46mm / Weight: 1.3kg

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



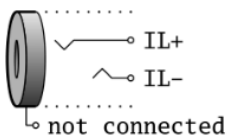
## Power and Support Connector



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

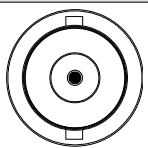
| PIN.No | Abbr.  | Function   |
|--------|--------|--|
| 4;5    | SUP+   | Power Supply typ. +24V DC                        |
| 8;9    | SUP0   | Power Supply typ. 0V DC                          |
| 7      | ILOCK+ | ca. 5mA over 2V                                  |
| 2      | ILOCK- | Laser runs only 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