

# Eijlander Electronics Ede

..... THE BEST IN ELECTRONICS!

Zanderijweg 12,  
6717BM Ede  
T. 0318-757900

## DC-DC CONVERTER 19-72V:12V 60A IN BEHUIZING

€ 389,00

Excl. BTW: € 321,49

### Afbeeldingen



### Beschrijving

DC VOLTAGE: 12V  
RATED CURRENT: 60A  
CURRENT RANGE: 0 ~ 60A  
RATED POWER: 720W  
VOLTAGE ADJ. RANGE: 11 ~ 15VDC

#### Features

2000Vac I/O Isolation  
Short circuit, over load, over voltage, over temperature protections

Forced air cooling by built-in DC fan with fan speed control  
High power density 10.7W/inch<sup>3</sup>  
1U low profile, 41mm  
SD-1000L type input voltage design to LVD  
Output OK signal  
Built-in remote ON-OFF control  
Built-in remote sense function

#### Applications

Electrical engineering  
Automotive  
Battery back-up applications

#### Description

SD-1000 Series enclosed 1U DC-DC converter, for the growing demand of high wattage dc/dc applications. Features 4:1~2:1 wide DC input range and 2000VAC input/output isolation, with 19~72V input levels. Other standard features include 12V/0.25A auxiliary output, output OK signal, remote on/off control and remote sense functions as well as short circuit, over load, over voltage and over temperature protections.

#### Specification

Input Voltage 19 ~ 72Vdc  
Input Current 23.5A/48Vdc  
Inrush Current ---  
Set Up, Rise Time 500ms, 50ms at full load  
Ripple & Noise 150mV  
Output Voltage Tolerance ±1.0%  
Line Regulation ±0.5% maximum  
Load Regulation ±0.5% maximum  
Over Load Protection 105%~125% rated output power  
Constant current limiting, unit will shut down o/p voltage about 5sec. Re-power on to recover  
Over Voltage Protection Shut down o/p voltage, re-power on to recover  
Over Temperature Protection 80°C ±5°C (TSW2) Detect on heatsink of O/P diode;  
75°C ±5°C (TSW1) Detect on heatsink of power transistor  
Shut down o/p voltage, recovers automatically after temperature goes down  
Remote On/Off Control Refer to datasheet  
Output OK Signal Open collector signal low when PSU turns on, Max sink current: 10mA  
Working Temperature -20°C to +60°C (refer to output derating curve), -40 start up possible  
Working Humidity 20 ~ 90% RH non-condensing  
Storage Temperature, Humidity -40°C to +85°C, 10 ~ 95% RH  
Temperature Coefficient ±0.02%/°C (0 ~ 50°C)  
Vibration 10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes  
Withstand Voltage I/P-O/P: 2KV I/P-FG: 1.5KV O/P-FG: 0.5KVAC  
Isolation Resistance I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC  
Safety Standards IEC60950-1 CB Approved by TUV  
EMC Standards Compliance to EN55022 (CISPR22); EN61000-3-2,-3; EN61000-4-2,3,4,6,8;  
ENV50204 Light industry level, criteria A  
MTBF 32K hrs min. MIL-HDBK-217F (25°C)

## Productinformatie

---

Artikelnummer	SD1000L12
Merk	MEANWELL
Is on Sale	Nee

