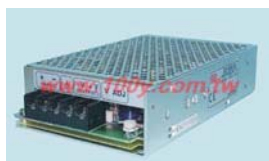




# Power Supplies & UPS

## DC/DC Single Output Power Converters

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



SD-25 Series

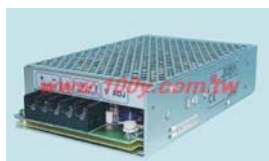


**FEATURES:**

- 2.1 wide input range
- 1500VDC I/O isolation
- Protections: short circuit/Overload/Over voltage
- Built-in EMI filter. low ripple noise
- 100% full load burn-in test
- Low cost, high reliability
- 1 year warranty

DC adjustment range: 5V: 4. 5~5. 5V, 12V: 11~16V, 24V: 23~30V  
 Line and load regulation: ±0. 5% (max. )  
 Overload protection: 105%~150% fold back current limiting, auto-recovery  
 Over voltage protection: 115%~165% rated output voltage  
 Withstand voltage: I/P-O/P: 1. 5KV, I/P-FG: 1. 5KV, 1minute  
 Isolation resistance: 100MΩ(MIN. )@500VDC  
 Working temperature: -10°C to +60°C (Refer to output derating curve)  
 Safety standards: Meet LVD  
 EMC standards: EN55022 class B, EN61000-4-2, 3, 4, 6, 8, ENV50204  
 Packing: 0. 38kg, 45pcs/17. 8kg/0. 9CUFT

Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	Watts	Efficiency %
39615	SD-25B-5	MEAN WELL	DC to DC Single Output Power Converters	5V	19~36V	5A	25W	72%



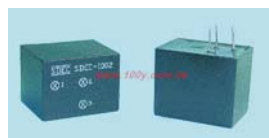
SD-50 Series

**FEATURES:**

- Low cost, high reliability
- 100% full load burn-in test
- 105°C output capacitor
- Built in emi filter, low ripple noise
- High efficiency, low working temperature
- Compact size, light weight
- Short circuit, overload, over voltage protected

Input voltage range: A:9.2~18VDC B:19~36VDC C:36~72VDC  
 Input current: A:7A/12V B:3A/24V C:1.5A/48V  
 Overload protection: 105%~150% type:foldback current limiting  
 reset:auto recovery  
 Temp. coefficient: ±0.03% / °C (0~50°C)  
 Withstand voltage: I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC  
 Working temp., humidity: -10°C~+60°C(refer to output derating curve), 20%~90% RH  
 Storage temp., humidity: -20°C~+85°C, 10%~95% RH  
 DIMENSION: 159\*97\*38mm CASE:901  
 EMC standards: EN55022 CLASS B (RADIATION), EN61000-4-2,3,4,6,8  
 ENV50204 VERIFICATION

Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	Watts	Efficiency %
17542	SD-50A-12	MEAN WELL	DC to DC Single Output Power Converters	12V	9.2-18V	4.2A	50W	72%
16568	SD-50A-24	MEAN WELL	DC to DC Single Output Power Converters	24V	9.2-18V	2.1A	50W	74%
21304	SD-50A-5	MEAN WELL	DC to DC Single Output Power Converters	5V	9.2-18V	10A	50W	74%
21306	SD-50B-12	MEAN WELL	DC to DC Single Output Power Converters	12V	19~36V	4.2A	50W	74%
21308	SD-50B-24	MEAN WELL	DC to DC Single Output Power Converters	24V	19~36V	2.1A	50W	74%
21305	SD-50B-5	MEAN WELL	DC to DC Single Output Power Converters	5V	19~36V	10A	50W	74%
21311	SD-50C-12	MEAN WELL	DC to DC Single Output Power Converters	12V	36~72V	4.2A	50W	74%
21309	SD-50C-24	MEAN WELL	DC to DC Single Output Power Converters	24V	36~72V	2.1A	50W	74%
21310	SD-50C-5	MEAN WELL	DC to DC Single Output Power Converters	5V	36~72V	10A	50W	74%



**FEATURES:**

- Backlight type: LED/EL Backlight
- Controller: NT3881 Or equivalent
- Power supply for LCM: DC +5V
- LED backlight input: DC +5V
- EL backlight input: AC90~100V (400~700Hz)
- EL Inverter: SDEC-1002 (1005)

Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	Watts
17317	SDEC-1002	SDEC	EL Inverter	5V	4.5-5.5V	30~40mA	1600mW



SDM30 Series

**FEATURES:**

- 2:1 input range
- Short circuit protection
- Build in emi filter
- Overload, over voltage protection
- Remote on-off control
- Low ripple noise

Line regulation: ±1%  
 Load regulation: ±1%  
 Input voltage range: 12S:9.2 ~ 18VDC 24S:18 ~ 36VDC 48S:36 ~ 72VDC  
 Overload protection: ABOVE 105% type:over power limiting reset:auto recovery  
 Over voltage protection: 115~150%  
 Working temp., humidity: -25°C~+85°C(refer to output derating curve)  
 Storage temp., humidity: -25°C~+85°C, 0%~95%  
 Safety / EMI: design to meet: UL1950, EN60950, EN55022 ,FCC PART15J

Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	Watts	Efficiency %
21290	SDM30-12S03	MEAN WELL	DC to DC Single Output Power Converters	3.3V	9~18V	5A	30W	83%
21291	SDM30-12S05	MEAN WELL	DC to DC Single Output Power Converters	5V	9~18V	5A	30W	83%
21292	SDM30-12S12	MEAN WELL	DC to DC Single Output Power Converters	12V	9~18V	2.1A	30W	83%
21293	SDM30-12S15	MEAN WELL	DC to DC Single Output Power Converters	15V	9~18V	1.7A	30W	83%
17402	SDM30-24S03	MEAN WELL	DC to DC Single Output Power Converters	3.3V	18-36V	5A	30W	83%
21289	SDM30-24S05	MEAN WELL	DC to DC Single Output Power Converters	5V	18-36V	5A	30W	83%
16005	SDM30-24S12	MEAN WELL	DC to DC Single Output Power Converters	12V	18-36V	2.5A	30W	83%
21288	SDM30-24S15	MEAN WELL	DC to DC Single Output Power Converters	15V	18-36V	2A	30W	83%
21285	SDM30-48S03	MEAN WELL	DC to DC Single Output Power Converters	3.3V	36~72V	5A	30W	83%

