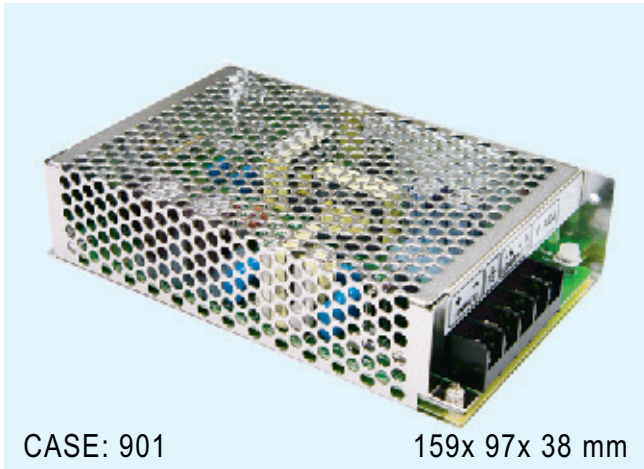


50W Single Output DC-DC Converter



- 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 $\pm 0.5\%$ (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, 1 minute
 Isolation resistance $100M\Omega$ (min.) @500VDC
 Working temperature -10°C to $+60^{\circ}\text{C}$ (refer to output derating curve)
 Safety standards Meet LVD
 EMC standards EN55022 class B, EN61000-4-2,3,4,6,8, ENV50204
 Packing 0.48kg ; 24pcs / 12.7kg / 0.75CUFT

Stock No.	Model No.	Input	Output	R&N	Effi.
32021	SD-50A-5	9.2~18V	5V, 10A	100mV	70%
32022	SD-50A-12	9.2~18V	12V, 4.2A	120mV	72%
32023	SD-50A-24	9.2~18V	24V, 2.1A	150mV	74%
32024	SD-50B-5	19~36V	5V, 10A	100mV	73%
32025	SD-50B-12	19~36V	12V, 4.2A	120mV	75%
32026	SD-50B-24	19~36V	24V, 2.1A	150mV	80%
32027	SD-50C-5	36~72V	5V, 10A	100mV	76%
32028	SD-50C-12	36~72V	12V, 4.2A	120mV	78%
32029	SD-50C-24	36~72V	24V, 2.1A	150mV	83%