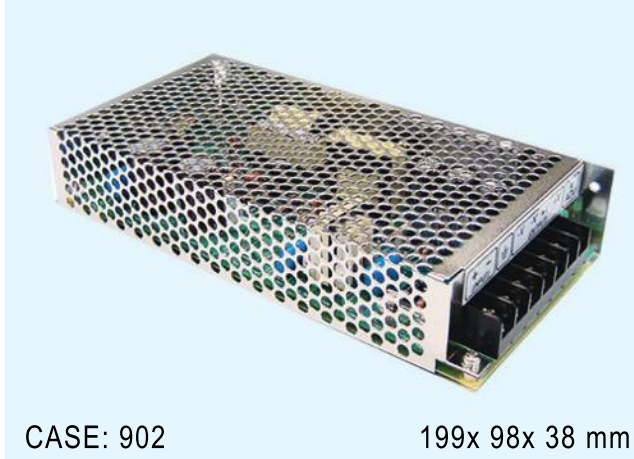


# 100W Single Output DC-DC Converter



CASE: 902

199x 98x 38 mm

- 2:1 wide input range
- 1500VDC I/O isolation
- Protections: Short circuit / Over load / 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 regulation	±0.5% (max.)
Load regulation	±0.5% (max.)
Over load protection	105%~135% 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	100MΩ ( min.) @500VDC
Working temperature	-10°C to +60°C (refer to output derating curve)
Safety standards	24V and 48V input meet LVD
EMC standards	EN55022 class B, EN61000-4-2,3,4,6,8, ENV50204
Weight / Packing	0.65kg ; 20pcs / 13.8kg / 0.89CUFT

Stock No.	Model No.	Input	Output	R&N	Effi.
32041	SD-100B-5	19~36V	5V, 20A	100mV	74%
32042	SD-100B-12	19~36V	12V, 8.5A	120mV	75%
32043	SD-100B-24	19~36V	24V, 4.2A	150mV	78%
32044	SD-100C-5	36~72V	5V, 20A	100mV	75%
32045	SD-100C-12	36~72V	12V, 8.5A	120mV	77%
32046	SD-100C-24	36~72V	24V, 4.2A	150mV	81%
32047	SD-100D-5	72~144V	5V, 20A	100mV	76%
32048	SD-100D-12	72~144V	12V, 8.5A	120mV	80%
32049	SD-100D-24	72~144V	24V, 4.2A	150mV	83%