

50W Single Output DC-DC Converter

CE



- 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 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, 1 minute
Isolation resistance	100MΩ(min.) @500VDC
Working temperature	-10°C to +60°C (refer to output derating curve)
Safety standard	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, 0~10A	100mV	70%
32022	SD-50A-12	9.2~18V	12V, 0~4.2A	120mV	72%
32023	SD-50A-24	9.2~18V	24V, 0~2.1A	150mV	74%
32024	SD-50B-5	19~36V	5V, 0~10A	100mV	73%
32025	SD-50B-12	19~36V	12V, 0~4.2A	120mV	75%
32026	SD-50B-24	19~36V	24V, 0~2.1A	150mV	80%
32027	SD-50C-5	36~72V	5V, 0~10A	100mV	76%
32028	SD-50C-12	36~72V	12V, 0~4.2A	120mV	78%
32029	SD-50C-24	36~72V	24V, 0~2.1A	150mV	83%