

25W Single Output DC-DC Converter

CE



- 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: 2KV, I/P-FG: 1.5KV, 1 minute

Isolation resistance 100M Ω (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

Stock No.	Model No.	Input	Output	R&N	Effi.
32001	SD-25A-5	9.2~18V	5V, 0~5.0A	100mV	71%
32002	SD-25A-12	9.2~18V	12V, 0~2.1A	120mV	72%
32003	SD-25A-24	9.2~18V	24V, 0~1.1A	150mV	75%
32004	SD-25B-5	19~36V	5V, 0~5.0A	100mV	72%
32005	SD-25B-12	19~36V	12V, 0~2.1A	120mV	75%
32006	SD-25B-24	19~36V	24V, 0~1.1A	150mV	78%
32007	SD-25C-5	36~72V	5V, 0~5.0A	100mV	74%
32008	SD-25C-12	36~72V	12V, 0~2.1A	120mV	78%
32009	SD-25C-24	36~72V	24V, 0~1.1A	150mV	81%