45W Single Output DC-DC Converter

CE

- 2:1 wide input range
- Protections: Short circuit / Overload / Over voltage / Reverse polarity
- Cooling by free air convection
- Built-in EMI filter, low ripple noise
- 100% full load burn-in test
- Fixed switching frequency at 96kHz
- Low cost
- 2 years warranty

DC adjustment range .....5V: 4.5~5.5V, 12V: 10.8~13.2V, 24V: 21.6~26.4V

Line and load regulation .... ±1% (max.)

Overload protection ..... 105%~160% shut down, re-power on to recover

Over voltage protection ..... 115%~135% rated output voltage

Withstand voltage ..... I/P-O/P: 1.5kVAC, I/P-FG: 1.5kVAC, 1 minute

Working temperature .....-10~60°C(refer to output derating curve)

EMC standards ..... EN55022 class B, EN61000-4-2,3,4,6,8, EN55024

Packing ..... 0.019kg ; 72pcs / 15.6kg / 1.35CUFT

Stock No.	Model No.	Input	Output	R&N	Effi.
32151	PSD-45A-05	9.2~18V	5V, 0~6.0A	100mV	72%
32152	PSD-45A-12	9.2~18V	12V, 0~2.5A	120mV	75%
32153	PSD-45A-24	9.2~18V	24V, 0~1.25A	150mV	77%
32154	PSD-45B-05	18~36V	5V, 0~9.0A	100mV	77%
32155	PSD-45B-12	18~36V	12V, 0~3.75A	120mV	79%
32156	PSD-45B-24	18~36V	24V, 0~1.875A	150mV	83%
32157	PSD-45C-05	37~72V	5V, 0~9.0A	100mV	79%
32158	PSD-45C-12	37~72V	12V, 0~3.75A	120mV	80%
32159	PSD-45C-24	37~72V	24V, 0~1.875A	150mV	83%