

## 50W DC/DC Series



- High reliability
- Top brand components for key parts
- Electrolytic capacitors all 105°C
- Built-in EMI filter
- Protections: overload/ short circuit
- 5 years limited warranty
- F605 160 × 98 × 39(mm)

DC input voltage	12VDC, 24VDC, 48VDC, 110VDC
Line regulation (full load)	≤ ± 0.5%
Output voltage adjust range	single output: ± 10% multi-output: V <sub>i</sub> : ± 5%
Output overload protection	105~150%, hiccup mode, auto recovery
Withstand voltage	I/P -O/P: 1.5KVAC/1min I/P -F/G: 1.5KVAC/1min O/P-F/G: 0.5KVAC/1min
Isolation resistance	> 100MΩ @500VDC
Operating temperature	-20°C~+50°C
Safety standards	design refer to GB4943, UL60950, EN60950
Cooling method	convection

Model	DC Output		R&N	Voltage Tol.
HF50W-SD**-5	5V	10.0A	80mV	± 1%
HF50W-SD**-12	12V	4.2A	120mV	± 1%
HF50W-SD**-24	24V	2.1A	150mV	± 1%
HF50W-DD**-A	5V	1.0~6.0A	80mV	± 1%
	12V	0.0~2.0A	120mV	± 3%
HF50W-DD**-B	15V	0.3~1.7A	120mV	± 1%
	-15V	0.0~1.7A	120mV	± 3%
HF50W-TD**-A	5V	0.5~5.0A	80mV	± 1%
	+12V	0.2~2.0A	120mV	± 3%
	-12V	0.2~1.5A	120mV	± 10%

\*\*means DC input voltage, such as 12, 24, 48, 110, etc.

## Drawing

