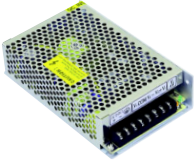


50W DC/DC Series



- High reliability
- Built-in EMI filter
- 100% full load burn-in test
- Protections: overload/ short circuit
- 1 year warranty
- F605 160 x 98 x 39(mm)

DC input voltage	12VDC, 24VDC, 48VDC, 110VDC
Line regulation (full load)	$\leq \pm 0.5\%$
Load regulation	$V_1: \leq \pm 0.5\%$, $V_2, V_3: \leq \pm 3\%$ (with regulators); $\leq \pm 6\%$ (without)
Output voltage adjust range	single output: $\pm 10\%$, multi-output: $V_i: \pm 5\%$
Output overload protection	110~150%
Withstand voltage	I/P -O/P: 1.0KVDC/1min I/P -F/G: 1.0KVDC/1min O/P-F/G: 0.5KVDC/1min
Isolation resistance	$> 100M\Omega @ 500VDC$
Operating temp. & humidity	$-10^{\circ}C \sim +50^{\circ}C$, 20%~90%RH (non condensing)
Storage temp. & humidity	$-20^{\circ}C \sim +85^{\circ}C$, 20%~95%RH (non condensing)
Safety standards	design refer to LVD
EMC standards	design refer to EN55022, EN61000-4
Cooling method	convection

Model	DC Output		R&N	Efficiency
HF50W-SD**-5	5V	10.0A	100mV	71%
HF50W-SD**-12	12V	4.2A	120mV	72%
HF50W-SD**-24	24V	2.1A	150mV	74%
HF50W-DD**-A	5V	0.5~6.0A	80mV	70%
	12V	0.2~2.5A	120mV	
HF50W-DD**-B	15V	0.2~2.5A	100mV	71%
	-15V	0.2~2.0A	120mV	
HF50W-TD**-A	5V	0.5~5.0A	80mV	70%
	12V	0.2~2.0A	120mV	
	-12V	0.2~1.5A	120mV	

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

Drawing

