

10W DC/DC Series



- High reliability
- Built-in EMI filter
- 100% full load burn-in test
- Protections: overload/ short circuit
- 1 year warranty
- F601 100 x 58 x 31(mm)

DC input voltage range 12(10~18)VDC, 24(18~36)VDC, 48(36~72)VDC
 90(36~144)VDC, 110(72~144)VDC

Line regulation (full load) $\leq \pm 0.5\%$

Load regulation $V_1: \leq \pm 0.5\%$, $V_2: \leq \pm 1\%$ (with regulator);
 $\leq \pm 6\%$ (without)

Output voltage adjust range single output: $\pm 10\%$, multi-output: $V_1: \pm 5\%$

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
HF10W-SD**-5	5V	2.0A	80mV	70%
HF10W-SD**-12	12V	1.0A	120mV	72%
HF10W-SD**-24	24V	0.5A	150mV	76%
HF10W-DD**-A	5V	0.20~1.8A	60mV	68%
	12V	0.10~0.5A	100mV	
HF10W-DD**-B	5V	0.20~1.8A	60mV	69%
	24V	0.05~0.3A	150mV	

**means DC input voltage, such as 12, 24, 48, 90, 110, etc.

Drawing

