

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	12VDC, 24VDC, 48VDC, 90VDC, 110VDC
Line regulation (full load)	$\leq \pm 0.5\%$
Load regulation	$V_1: \leq \pm 0.5\%, V_2: \leq \pm 3\%$ (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	$-10^{\circ}C \sim +50^{\circ}C, 20\% \sim 90\%RH$ (non condensing)
Storage temp. & humidity	$-20^{\circ}C \sim +85^{\circ}C, 20\% \sim 95\%RH$ (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

