

30W DC/DC Series



- High reliability
- Built-in EMI filter
- 100% full load burn-in test
- Protections: overload/ short circuit
- 1 year warranty
- F603 129 x 98 x 40(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: $V_1: \pm 5\%$ |
| 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 |
|---------------|-----------|----------|-------|------------|
| HF30W-SD**-5 | 5V | 6.0A | 80mV | 70% |
| HF30W-SD**-12 | 12V | 2.5A | 120mV | 72% |
| HF30W-SD**-24 | 24V | 1.3A | 150mV | 74% |
| HF30W-DD**-A | 5V | 0.5~4.0A | 100mV | 70% |
| | 12V | 0.0~1.5A | 150mV | |
| HF30W-DD**-B | 15V | 0.2~1.5A | 150mV | 70% |
| | -15V | 0.0~1.0A | 150mV | |
| HF30W-TD**-A | 5V | 0.5~3.5A | 100mV | 67% |
| | 12V | 0.1~1.2A | 150mV | |
| | -12V | 0.1~0.8A | 150mV | |

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

Drawing

