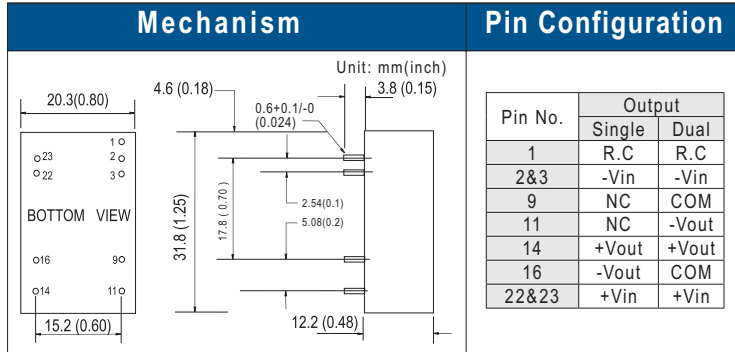


12W DC-DC Regulated Single and Dual Output



- 2:1 wide input range
- 1500VDC I/O isolation
- Built-in remote ON/OFF control
- Built-in EMI filter
- Protection: Short circuit / Overload
- Cooling by free air convection
- Five-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- Modified models available:
output 2.5V / 3.3V
- 2 years warranty



- Voltage set point accuracy ... $\pm 2\%$ (max.)
- Line regulation $\pm 0.5\%$ (max.)
- Load regulation $\pm 0.5\%$ (max.)@20~100% load
- Efficiency 83% (typical)
- Short circuit protection continuous, auto-recovery
- Overload protection 110%~180%, auto-recovery
- I/O isolation voltage 1500VDC (min.)
- I/O isolation resistance 100M Ω (min.)@ 500VDC
- Working temperature -25°C to +60°C (no derating), +71°C@60% load
- Storage temperature -25°C to +105°C
- Temp. Coefficient $\pm 0.03\%$ / °C (max.)
- Case material Five-sided shield metal case
- EMI Compliance to EN55022 Class A,
FCC part15 Class A

❖ Single Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
SCW12A-05	9~18	5	2400	50
SCW12A-12	9~18	12	1000	60
SCW12A-15	9~18	15	800	60
SCW12B-05	18~36	5	2400	50
SCW12B-12	18~36	12	1000	60
SCW12B-15	18~36	15	800	60
SCW12C-05	36~72	5	2400	50
SCW12C-12	36~72	12	1000	60
SCW12C-15	36~72	15	800	60

❖ Dual Output

Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
DCW12A-05	9~18	± 5	± 1200	50
DCW12A-12	9~18	± 12	± 500	60
DCW12A-15	9~18	± 15	± 400	60
DCW12B-05	18~36	± 5	± 1200	50
DCW12B-12	18~36	± 12	± 500	60
DCW12B-15	18~36	± 15	± 400	60
DCW12C-05	36~72	± 5	± 1200	50
DCW12C-12	36~72	± 12	± 500	60
DCW12C-15	36~72	± 15	± 400	60