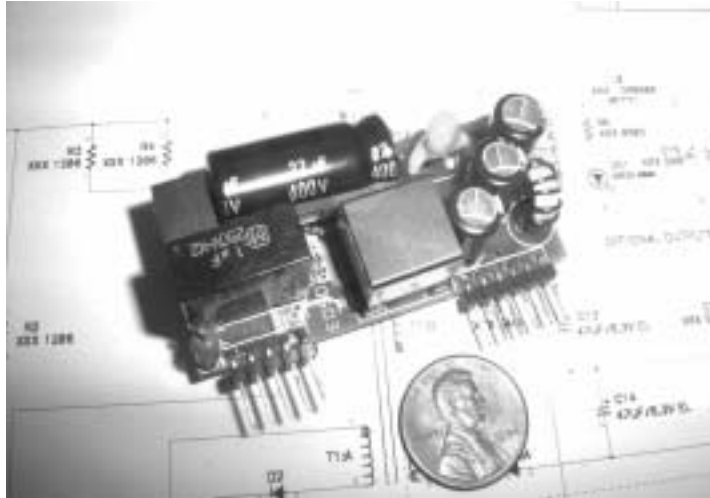


ICI

7.5 Watt AC/DC



OFS Series

(Open Frame Sip)

- * Universal 85-265VAC Input
- * Miniature Size 1" X 2" X .75"
- * Sip Mounting
- * Power Good LED Indicator
- * 4000V isolation
- * Single & Triple Outputs
- * Over Voltage, Over Current & Thermal Protection
- * Fused Inputs
- * High Efficiency

"Only 1.5 square inches of mounting space"

The OFS series of AC/DC power converters are designed for applications where small size is critical. This series provides a universal AC input, 7.5 watts of output power and up to three outputs in a 2.0" X .75" area of board space

Model Selection Guide

Model Number	Output (V) V1 & V2/V3	Output (I) Current (MAX)*	Po (W) MAX. *	Output OVP
OFS-7001	2.5	2.5 A	3.12	3.6V
OFS-7002	3.3	2.1 A	4.13	3.9
OFS-7003	5	1.4 A	6.25	6.8
OFS-7004	7	1.0 A	7.00	9
OFS-7005	12	0.6 A	7.00	15
OFS-7006	15	0.47 A	7.00	18
OFS-7007	24	0.3 A	7.00	36
OFS-7008	2.5 & +/-12.00	2.5 A & +/- .20 A *	7.50	3.6 (Vo1)
OFS-7009	2.5 & +/-15.00	2.5 A & +/- .20 A *	7.50	3.6 (Vo1)
OFS-7010	3.3 & +/-12.00	2.1 A & +/- .20 A *	7.50	3.9 (Vo1)
OFS-7011	3.3 & +/-15.00	2.1 A & +/- .20 A *	7.50	3.9 (Vo1)
OFS-7012	5.0 & +/-12.00	1.4 A & +/- .20 A *	7.50	6.8 (Vo1)
OFS-7014	5.0 & +/-15.00	1.4 A & +/- .20 A *	7.50	6.8 (Vo1)

*Total maximum output power is 7.5W

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Input Specifications

Input Voltage Range	85-265Vac
Frequency Range	47-440 Hz
Inrush Current	20A @ 100Vac 40A @ 200Vac

Output Specifications

Voltage and Current		See Model Selection Guide
Setting Accuracy	Vo1	+/-1%, typ, +/-1.5% max
	Vo2 & Vo3	+/-5%
Output trim		+/-10% Typ
Load Regulation	Vo1	+/-0.5% F.L. to N.L.
	Vo2 & Vo3	+/-6% F.L. to 20%L, Vo1@FL-20%L
Line Regulation		+/-1% typ
Ripple/Noise		1% typ.
Over Voltage		130-150%
Over Temp. Protection		Latching, recycle power
Over current protection		Indefinite, modulated, auto recovery
Power good indicator		Green, continuous Lumination
Hold Up time		20mS, typ

General Specifications

Isolation Voltage	I/P to O/P	3000 Vac
	I/P to ground	2500Vac
	O/P to ground	1000Vac
Efficiency		75-78%
Switching Frequency		100Khz
Safety Approvals (pending)		EN60950, IEC950 U.L.1959, CSA 22.2

Environmental

Operating Temperature Range	0C to + 85C (See Di 0C To + 50C @ FL
Storage Temperature Range	-25C To + 95C
Humidity	5% To 95% RH, Nor
EMC	FCC/A, VDE 0871/A
Cooling	Natural Convection

