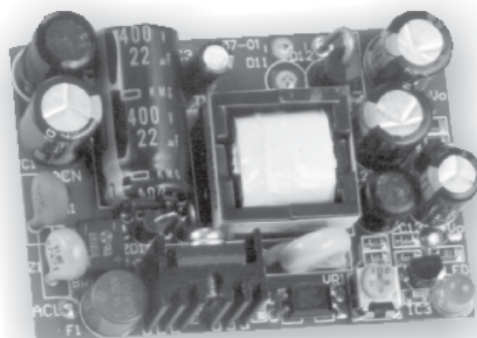


10/15 Watt

AC/DC - Modules Open Frame



- o Universal Input 85-264 VAC
- o PCB Mountable
- o Efficiency to 82%
- o Industry-Standard Pin Out
- o Meets UL, CSA, TÜV, CE



MODEL NUMBER	OUTPUT VOLTAGE	OUTPUT CURRENT		RIPPLE & NOISE	% EFF
		MIN.	MAX		
ACS10-3.3	3.3 VDC	0 A	2500 mA	50 mV	65
ACS10-5	5 VDC		2000 mA	1%	70
ACS10-9	9 VDC		1120 mA		72
ACS10-12	12 VDC		840 mA		75
ACS10-15	15 VDC		670 mA		75
ACS10-24	24 VDC		420 mA		78
ACS15-3.3	3.3 VDC	0 A	3000 mA	50 mV	70
ACS15-5	5 VDC		3000 mA	1%	73
ACS15-9	9 VDC		1670 mA		75
ACS15-12	12 VDC		1250 mA		80
ACS15-15	15 VDC		1000 mA		80
ACS15-24	24 VDC		630 mA		82

NOTE:

1. Add a 0.1 μ F ceramic Capacitor and a 10 μ F E.L.Capacitor to output for Ripple & Noise measuring @ 20 MHz BW.

SPECIFICATIONS

All Specifications Typical At Nominal Line, Full Load, and 25°C Unless Otherwise Noted

INPUT SPECIFICATIONS

Input Voltage Range	85-264 VAC or 125-370 VDC	
Inrush Current	20 A max./115 VAC 40 A max./230 VAC	
Input Frequency	47-63 Hz	
Leakage Current	0.25 mA max.	
Current Consumption at No Load	@ 115 Vac @ 230 Vac	20 mA 20 mA

OUTPUT SPECIFICATIONS

Initial Accuracy	±1.0% max.	
Temperature Coefficient	±0.05% /°C	
Ripple and Noise, 20 MHz BW	see table	
Short Circuit Protection	Hiccup mode and auto recovery	
Holdup Time ¹⁾	16 mS typ.	
Over Voltage Protection	Yes, TVS >1.2-1.4 x Vout	
Over Load Protection	No - Please refer to Short Circuit Protection ⁴⁾	
Line Regulation ²⁾	±0.5% max.	
Load Regulation ³⁾	±1.0% max.	

NOTE:

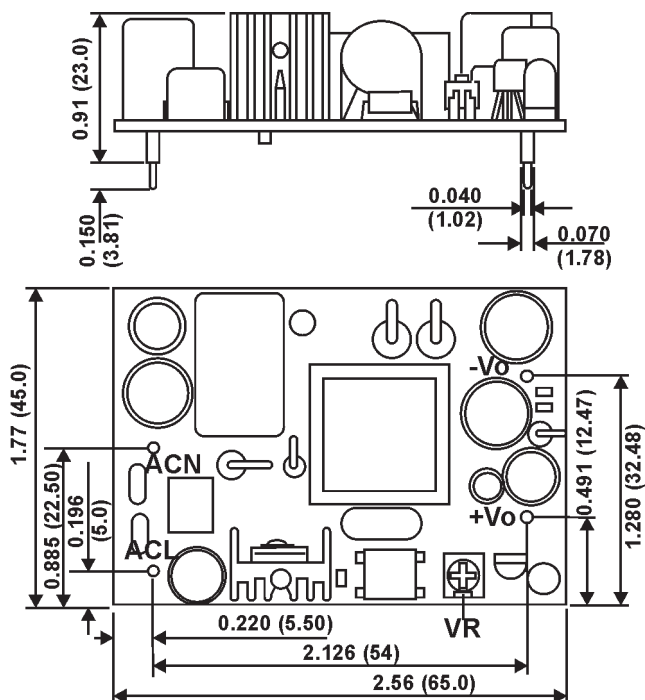
1. Measured at Vin = 115 VAC, Full Load
2. Line Regulation is measured from High Line to Low Line with Full Load.
3. Load Regulation is measured from Full Load to 10% Load.
4. Continuous use in Over Load condition is not recommended as it may cause damage of power supply.

GENERAL SPECIFICATION

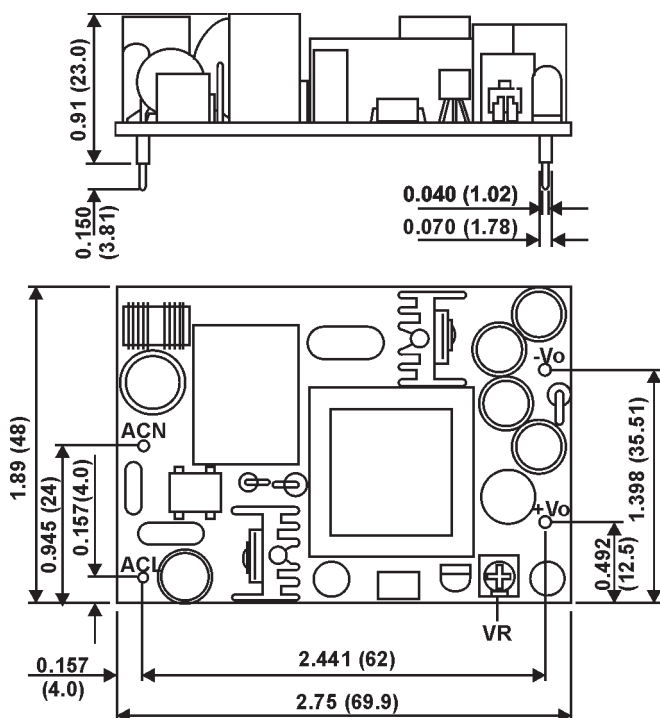
Efficiency	see table	
Isolation Voltage (I/O)	3000 VAC (4242 VDC)	
Operating Temperature Range	0°C to +40°C	
Storage Temperature Range	-25°C to +85°C	
Cooling	Free Air Convection	
Derating >45°C	-2%/°C	
Conductive EMI	CISPR/FCC ClassB	
Safety Standards	EN60950-1 UL60950-1	
EMC Standards	EN55022, EN61000-3-2, EN61000-3-3, EN50081-1 EN50082-1, EN50081-2, EN55024	
Dimensions	10 Watt 15 Watt	65 x 45 x 23 mm (2.56 x 1.77 x 0.91 Inches) 69.9 x 48 x 23 mm (2.75 x 1.89 x 0.91 Inches)
Weight	10 Watt 15 Watt	60 g 80 g

SPECIFICATIONS

All Specifications Typical At Nominal Line, Full Load, and 25°C Unless Otherwise Noted

MECHANICAL SPECIFICATIONS**ACS10**

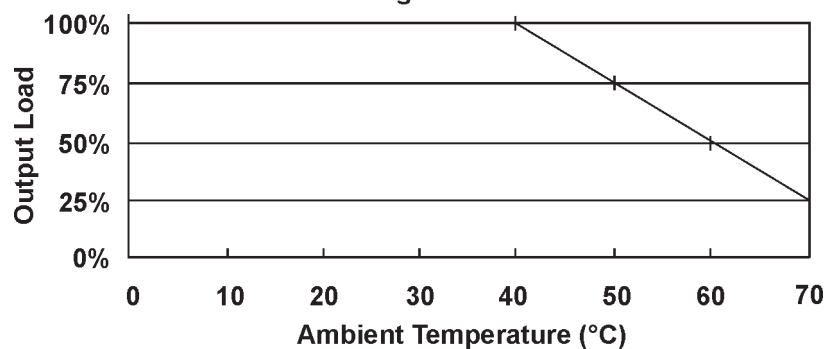
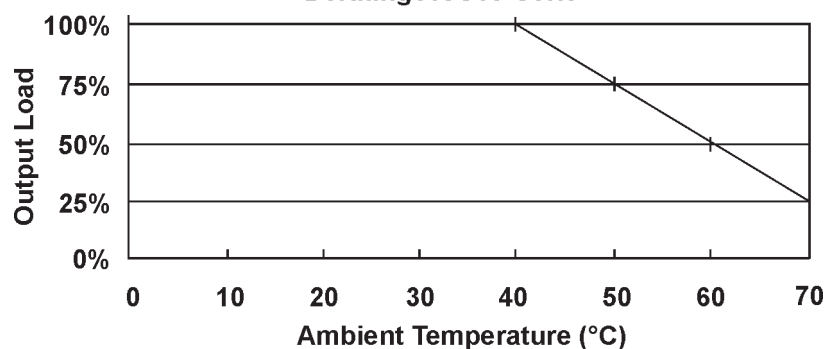
All Dimensions are in Inches (mm).
 Tolerances x.xx = ± 0.02 (x.xx = ± 0.5) unless otherwise noted.

ACS15

All Dimensions are in Inches (mm).
 Tolerances x.xx = ± 0.02 (x.xx = ± 0.5) unless otherwise noted.

SPECIFICATIONS

All Specifications Typical At Nominal Line, Full Load, and 25°C Unless Otherwise Noted

DIAGRAMS**Derating ACS10-Serie****Derating ACS15-Serie****NOTICE:**

The information in this document has been carefully checked. However, no responsibility is assumed for inaccuracies! Specifications can be changed without notice. The latest and most complete information can be found on our website.