



- SMD package
- 1,000 VDC isolation
- UL 94V-0 package material
- MTBF > 1 million hours
- 5,9,12 or 15V out
- efficiency up to 75%

The AM series from Wall Industries, Inc. is highly suitable for high speed pick and place machine operation. This economically priced converter is perfect for low power applications.

MODELS

MODEL NUMBER	INPUT VOLTAGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (MA)	EFFICIENCY
AM505-200N	5	5	200	70%
AM509-110N	5	9	110	75%
AM512-84N	5	12	84	75%
AM515-67N	5	15	67	75%
AM1205-200N	12	5	200	70%
AM1209-110N	12	9	110	75%
AM1212-84N	12	12	84	75%
AM1215-67N	12	15	67	75%

SPECIFICATIONS

All specifications apply at 25°C unless otherwise noted.

SPECIFICATION	VALUE
INPUT	
Input Voltage Range	+/-5%
OUTPUT	
Output Current	see model information table
Voltage Accuracy	+/-5%
Line Regulation	5Vout 14% max., 9,12,15Vout 8.5% max.
Load Regulation (10-100% load)	1.2%/1% of Vin max.
Ripple/Noise (20MHz BW)	5Vout 100mV p-p 9Vout 150mV p-p 12Vout 180mV p-p 15V out 190 mV p-p
GENERAL	
Efficiency	see table
Isolation Voltage (input to output)	1000VDC
Switching Frequency	100kHz typ.
ENVIRONMENTAL	
Operating Temperature (ambient)	0°C to +70°C
Storage Temperature	-40°C to +100°C
Cooling	free air convection
PHYSICAL	
Dimensions	see drawing
Weight	< 1.5g
Case Material	plastic UL 94V-0

due to advances in technology, specifications subject to change without notice.

