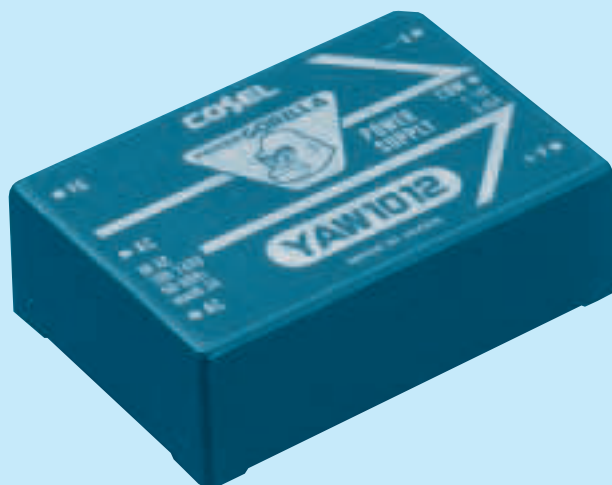




- 1 Series name
- 2 Dual output
- 3 Output wattage
- 4 Output voltage
- 5 UL recognized, TuV approved CSA certified: E

TRC Electronics, Inc.

Authorized Stocking Distributor

Tel: 973.779.8282

Fax: 973.779.1490

Contact TRC for pricing,
stock, and technical assistance.

www.trcelectronics.com

MODEL	YAW1012	YAW1015
MAX OUTPUT WATTAGE[W]	10.8	10.5
DC OUTPUT	±12V 0.45A or +24V 0.45A	±15V 0.35A or +30V 0.35A

SPECIFICATIONS

	MODEL	YAW1012	YAW1015
INPUT	VOLTAGE[V]	AC85 - 264 1 φ or DC110 - 370	
	CURRENT[A]	ACIN 200V	0.14typ (Io=100%)
	FREQUENCY[Hz]	47 - 440 or DC	
	EFFICIENCY[%]	ACIN 100V	72typ (Io=100%)
	INRUSH CURRENT[A]	ACIN 100V	20typ (Io=100%)
OUTPUT		ACIN 200V	40typ (Io=100%)
	VOLTAGE[V]	±12 (+24)	±15 (+30)
	CURRENT[A]	0.45	0.35
	LINE REGULATION[mV]	60max	75max
	LOAD REGULATION[mV]	600max	750max
	RIPPLE[mVp-p]	±2 120max	120max
	RIPPLE NOISE[mVp-p]	±2 150max	150max
	TEMPERATURE REGULATION[mV]	0 to +55°C	150max
	TEMPERATURE REGULATION[mV]	180max	
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]	Fixed	
PROTECTION CIRCUIT	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically	
	INPUT-OUTPUT	AC3.000V 1minute, Cutoff current = 15mA, DC500V 50Mw/min (At Room Temperature)	
	INPUT-FG	AC2.000V 1minute, Cutoff current = 10mA, DC500V 50Mw/min (At Room Temperature)	
ISOLATION	OUTPUT-FG	AC500V 1minute, Cutoff current=100mA, DC500V 50Mw/min (At Room Temperature)	
	OPERATING TEMP., HUMID. AND ALTITUDE	-10 to +70°C, 20 - 95%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max	
	STORAGE TEMP., HUMID. AND ALTITUDE	-20 to +75°C, 20 - 95%RH (Non condensing), 9,000m (30,000feet) max	
ENVIRONMENT	VIBRATION	10 - 55Hz, 98.0m/s ² (10G), 3minutes period, 60minutes each along X, Y and Z axis	
	IMPACT	490.3m/s ² (50G), 11ms, once each X, Y and Z axis	
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS	UL1950, EN60950, VDE0160, CSA C22.2 No.234 Complies with IEC60950	
	CONDUCTED NOISE	Complies with FCC-B, VCCI-B, Additional capacitors required for meeting VDE-B (External Fuse is required)	

* 1 Output pins can be connected in series to make a 24V/30V out

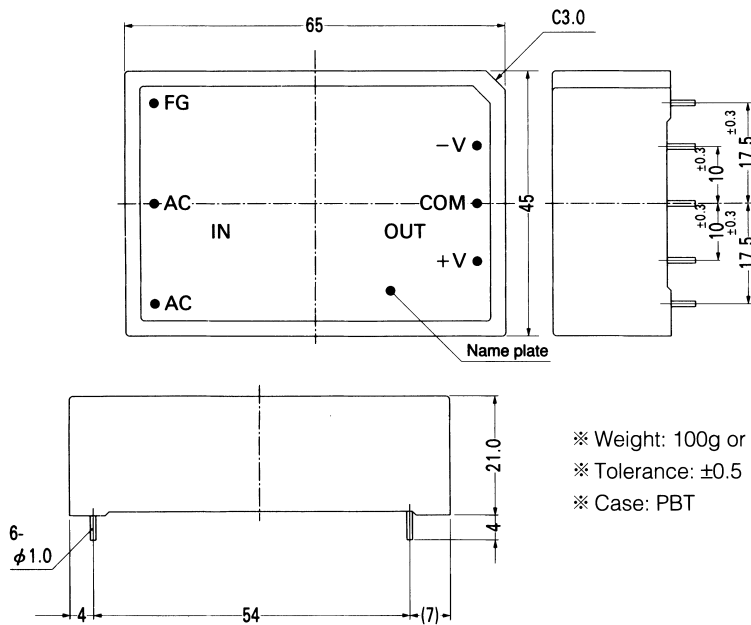
put.

* 2 Measured by 20MHz oscilloscope.

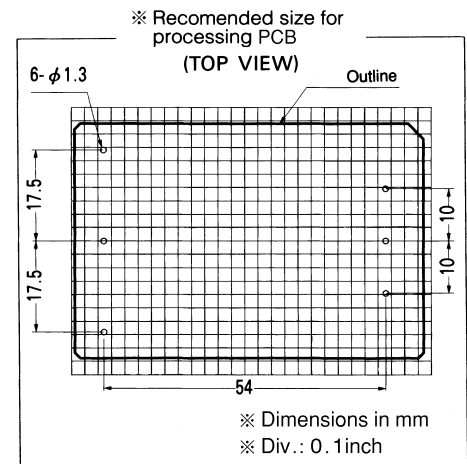
* The output specification is at ±12V and ±15V.

* Parallel operation with other model is not possible.

External view

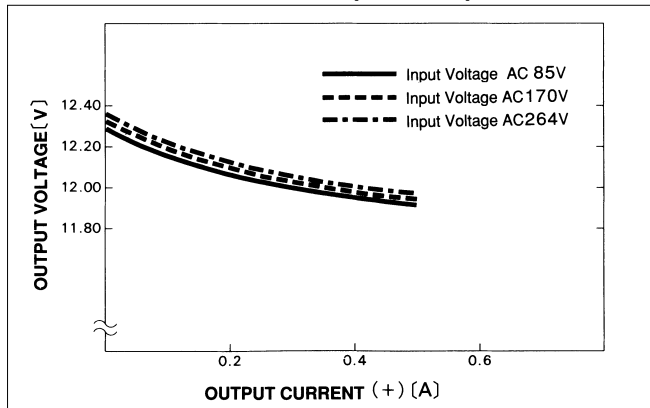


- ※ Weight: 100g or less
- ※ Tolerance: ± 0.5
- ※ Case: PBT

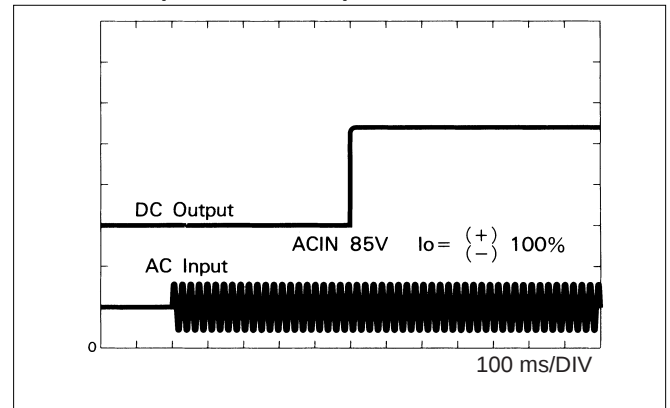


Performance data

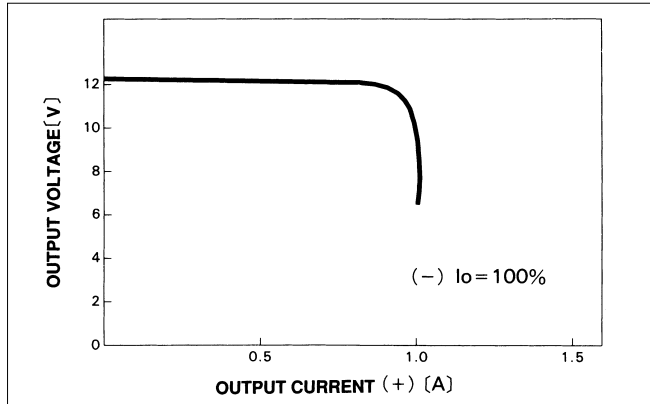
■ STATIC CHARACTERISTICS (YAW1012)



■ RISE TIME (YAW1012: +12V)



■ OVERCURRENT CHARACTERISTICS (YAW1012)



■ DERATING CURVE

