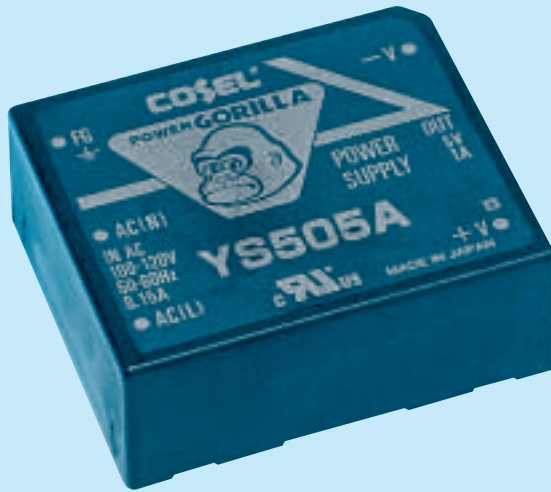


c  us
RoHS



① Series name
② Single output
③ Output wattage
④ Output voltage

MODEL	YS505A	YS512A
MAX OUTPUT WATTAGE[W]	5.0	5.4
DC OUTPUT	5V 1.0A	12V 0.45A

SPECIFICATIONS

	MODEL	YS505A	YS512A	
INPUT	VOLTAGE[V]	AC85 - 132 1 ϕ or DC110 - 170		
	CURRENT[A]	ACIN 100V	0.15typ (Io=100%)	
	FREQUENCY[Hz]	47 - 440 or DC		
	EFFICIENCY[%]	ACIN 100V	68typ (Io=100%)	70typ (Io=100%)
	INRUSH CURRENT[A]	ACIN 100V	15typ (Io=100%)	
OUTPUT	VOLTAGE[V]	5	12	
	CURRENT[A]	1	0.45	
	LINE REGULATION[mV]	20max	48max	
	LOAD REGULATION[mV]	40max	100max	
	RIPPLE[mVp-p]	*1 80max	120max	
	RIPPLE NOISE[mVp-p]	*1 120max	150max	
	TEMPERATURE REGULATION[mV]	0 to +55°C	50max	150max
	START-UP TIME[ms]	200max (ACIN 85V, Io=100%)		
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]	Fixed		
OUTPUT VOLTAGE SETTING[%]	\pm 5max (Rated input/output, Ta=25°C)			
HOLD-UP TIME[ms]	10typ (ACIN 85V, Io=100%)			
PROTECTION CIRCUIT	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically		
ISOLATION	INPUT-FG, OUTPUT	AC2.000V 1minute. Cutoff current = 10mA, DC500V 50M Ω min (At Room Temperature)		
	OUTPUT-FG	AC500V 1minute. Cutoff current = 100mA, DC500V 50M Ω min (At Room Temperature)		
ENVIRONMENT	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		
	VIBRATION	10 - 55Hz, 98.0m/s ² (10G), 3minutes period, 30minutes 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	UL60950-1, C-UL		
	CONDUCTED NOISE	Complies with FCC-B		

*1 Measured by 20MHz oscilloscope.

* Parallel operation with other model is not possible.