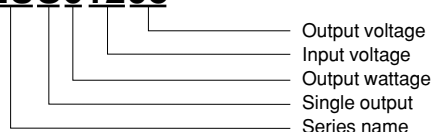




- Thin profile
- Isolated between input-output
- Built-in overcurrent protection circuit
- UL recognized, TÜV approved, CSA certified
- Five-year warranty

### ORDERING INFORMATION

#### ZUS61205



## SPECIFICATIONS

★ marked models are pending for safety approvals. Consult with us for delivery.

	MODEL	★ZUS6053R3	ZUS60505	ZUS60512	ZUS60515	ZUS61205	ZUS61212	ZUS61215	ZUS62405	ZUS62412	ZUS62415	★ZUS6483R3	ZUS64805	ZUS64812	ZUS64815	
INPUT	VOLTAGE [V]	DC4.5~9				DC9~18			DC18~36			DC 36~72				
	CURRENT [A]※1	0.94 typ	1.41 typ	1.63 typ	1.63 typ	0.69 typ	0.65 typ	0.65 typ	0.35 typ	0.33 typ	0.33 typ	0.09 typ	0.18 typ	0.17 typ	0.17 typ	
	EFFICIENCY [%]※1	70 typ	71 typ	74 typ	74 typ	73 typ	78 typ	78 typ	73 typ	78 typ	78 typ	73 typ	73 typ	78 typ	78 typ	
OUTPUT	VOLTAGE [V]	3.3	5	12	15	5	12	15	5	12	15	3.3	5	12	15	
	CURRENT [A]	1.0	1.0	0.5	0.4	1.2	0.5	0.4	1.2	0.5	0.4	1.0	1.2	0.5	0.4	
	LINE REGULATION [mV]	20max	20max	48max	60max	20max	48max	60max	20max	48max	60max	20max	20max	48max	60max	
	LOAD REGULATION [mV]	40max	40max	100max	120max	40max	100max	120max	40max	100max	120max	40max	40max	100max	120max	
	RIPPLE ※3 [mVp-p]	80max	80max	120max	120max	80max	120max	120max	80max	120max	120max	80max	80max	120max	120max	
	RIPPLE NOISE ※3 [mVp-p]	120max	120max	150max	150max	120max	150max	150max	120max	150max	150max	120max	120max	150max	150max	
	TEMPERATURE REGULATION -20°C~+55°C [mV]	50max	50max	150max	180max	50max	150max	180max	50max	150max	180max	50max	50max	150max	180max	
	DRIFT [mV]※2	20max	20max	48max	60max	20max	48max	60max	20max	48max	60max	20max	20max	48max	60max	
	START-UP TIME [ms]	20max (Minimum input, Io=100%)														
	OUTPUT VOLTAGE ADJUSTMENT RANGE [V]	FIXED														
OUTPUT VOLTAGE SETTING [V]	3.20-3.47	4.85-5.25	11.40-12.60	14.25-15.75	4.85-5.25	11.40-12.60	14.25-15.75	4.85-5.25	11.40-12.60	14.25-15.75	3.20-3.47	4.85-5.25	11.40-12.60	14.25-15.75		
PROTECTION CIRCUIT	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically														
ISOLATION	INPUT-OUTPUT	AC500V, 1 minute. Cutoff current=10mA, DC500V, 50MΩ min (At Room Temperature)														
	INPUT-CASE	AC500V, 1 minute. Cutoff current=10mA, DC500V, 50MΩ min (At Room Temperature)														
	OUTPUT-CASE	AC500V, 1 minute. Cutoff current=10mA, DC500V, 50MΩ min (At Room Temperature)														
ENVIRONMENT	OPERATING TEMP, HUMID. AND ALTITUDE	-20~+71°C, 20~95%RH (Non condensing) (Refer to DERATING CURVE) , 3,000m (10,000feet) max														
	STORAGE TEMP, HUMID. AND ALTITUDE	-40~+85°C, 20~95%RH (Non condensing) , 9,000m (30,000feet) max														
	VIBRATION	10~55Hz, 98.0m/s <sup>2</sup> (10G) , 3 minutes period, 60 minutes along X, Y and Z axis														
	IMPACT	490.3m/s <sup>2</sup> (50G) , 11ms, once each X, Y and Z axis														
SAFETY	AGENCY APPROVALS	UL1950, EN60950, CSA C22.2 No.950 Complies with IEC60950														

※1 Rated input. 5V, 12V, 24V or 48V DC, Io=100%

※2 The drift is a change at 25°C of ambient temperature and 30 minutes~8 hours after the input voltage applied at rated input/output.

※3 Measured by 20MHz oscilloscope.

※ Series/Parallel operation with other model is not possible.