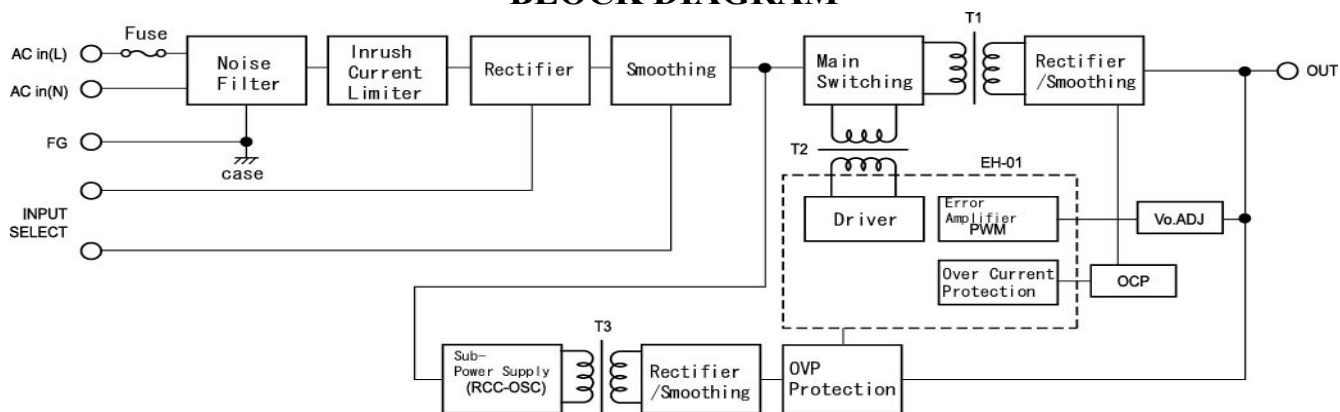


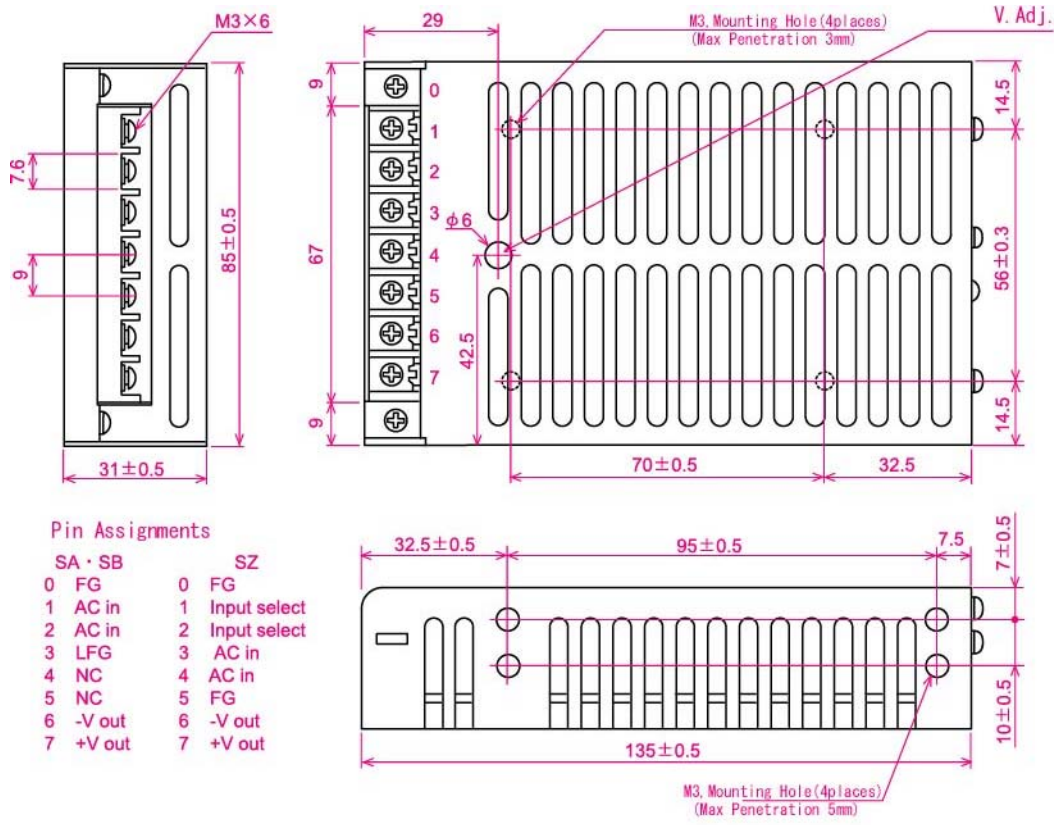
Specifications<AC/DC>	Model				
<b>VTA**SZ</b> <b>25WATTS/SINGLE OUTPUT</b>	VTA05SZ	VTA12SZ	VTA15SZ	VTA24SZ	VTA48SZ
<b>Input Characteristic</b>					
Input Voltage	AC100V/200V				
Input Range	AC90-132V/180-264V				
Input Frequency	50/60Hz				
Input Frequency Range	47 -440Hz				
Phase	Single				
Inrush Current *1	30A(maximum) at rated input/output				
Efficiency [%] (typical) *2	76	79	80	80	80

### BLOCK DIAGRAM



Specifications<AC/DC>	Model				
	VTA05SZ	VTA12SZ	VTA15SZ	VTA24SZ	VTA48SZ
<b>VTA**SZ</b> <b>25WATTS/SINGLE OUTPUT</b>					
<b>Output Characteristic</b>					
Output Voltage [V]	5	12	15	24	48
Output Current [A]	5.0	2.1	1.7	1.1	0.5
Voltage Adjust Range	+/-10% of Rated Output Voltage(at no load within input range)				
Ripple and Noise [mVp-p](maximum) *3	100	170	200	290	530
<b>Regulation</b>					
a.Statistic Line Regulation [mV](maximum)	40	96	120	192	384
b.Statistic Load Regulation [mV](maximum)	45	108	135	216	432
c.Temperature Coefficient *4	0.03%/				
d.Drift[mV](maximum) *5	40	75	90	135	255
e.Dynamic Load Regulation [mV](typical) *6	150	360	450	720	1440
f.Recovery Time *6	0.5mS(typical)				
Rise up time	10mS(at rated input) at 25t				
Hold up time	20mS(at rated input) at 60t				
<b>Functions</b>					
Overcurrent Protection	Current Limiting with automatic recovery				
Overvoltage Protection	output shutdown				
Remote Sense	not available				
Remote On/Off	not available				
<b>Environmental</b>					
Operating Temperature	0 to +50				
Operating Humidity	85%RH(non-condensing)				
Storage Temperature	-20 to +85				
Storage Humidity	30 to 85%RH(non-condensing)				
Withstanding Voltage	Primary-Secondary AC2,500Vfor 1minute				
	Primary-Frame Ground AC2,500V for 1minute				
	Secondary-Frame Ground AC500V for 1minute				
Isolation Resistance	Primary-Secondary-Frame Ground 50MΩ(minimum) by DC500V insulation tester				
Vibration	5-10Hz:10mm double amplitude,10-55Hz:19.6m/s <sup>2</sup> ,20minutes' period for 60minutes each along X,Y,Z axes(non-operating)				
Shock	294m/s <sup>2</sup>				
Cooling	Convection				
Leakage Current	1.0mA(maximum)				
Line Conduction Noise	Not specified				
Safety	-				
Weight (typical)	350g				
MTBF [H]	650,000				
Switching Frequency[kHz](typical)	65				

### DIMENSION DIAGRAM



VTA\_SA/SB