

PT

LAMBDA 

An Invensys company



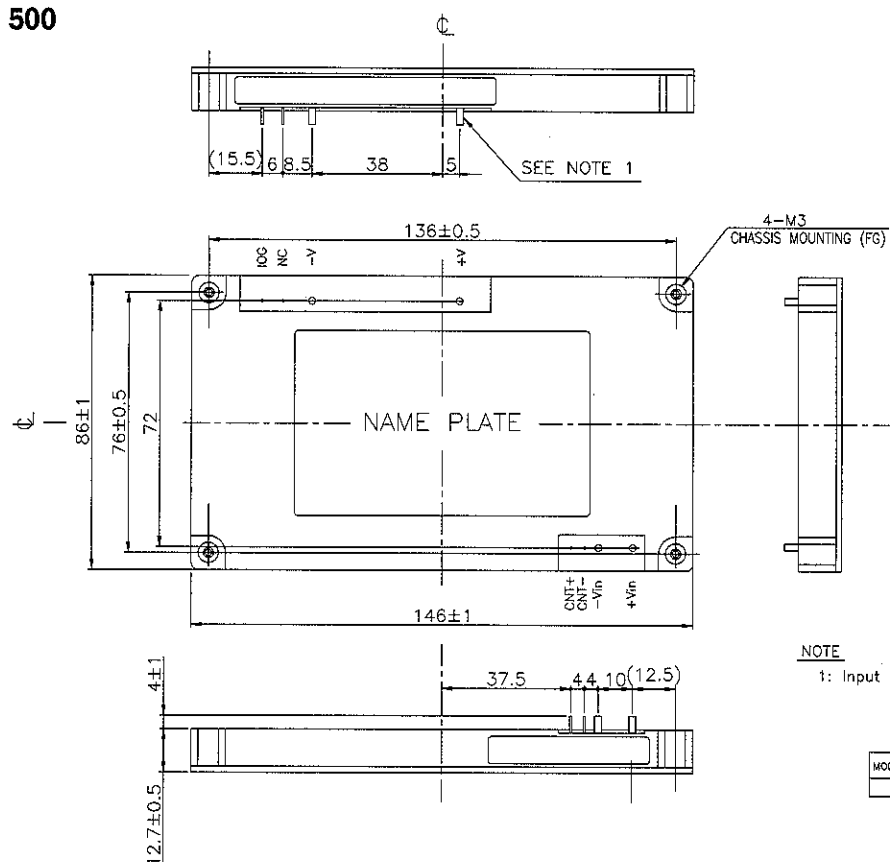
500

WATTS

Power Transformer**SINGLE OUTPUT****CE marking (LVD)****Low profile****DC/DC transformer module for
battery back-up systems****High efficiency****Wide baseplate temperature****2 years warranty**

INPUT	PT500-48	PT500-66
Input voltage	360Vdc +\ -2%	
OUTPUT	PT500-48	PT500-66
Nominal output voltage	48V	66V
Output voltage range	43-53VDC	61-71VDC
Max Output Current (Power)	11A (500W)	8A (500W)
Efficiency	93 at full load	
Load regulation	10V no load to full load	
Parallel Operation	n+1 redundant operation Output current balancing	
Remote functions	On/off control – Inverter good signal	
GENERAL	PT500-48	PT500-66
Efficiency	93% at full load	
Cooling	Conduction cooling	
Withstand voltage	Input to output 3.0kVAC	Input to baseplate 2.5kVAC for 1 min
Isolation resistance	More than 100 Mohm at 25°C and 70%	RH, output – chassis 500Vdc for 1 min.
ENVIRONMENTAL	PT500-48	PT500-66
Operating temperature	-20°C to +85°C (baseplate)	
Storage temperature	-40°C to +85°C	
Shock	Less than 20G (in package)	
Vibration	At no operating, 10-55Hz amplitude (sweep 1 min); 0.825mm constant (maximum 5G) X, Y, Z 1 hour each.	
Safety standard	Approved by UL1950 (UL) CSA 234 (CSA)	EN60950, CE marking for LVD
Dimensions (WxHxD)	146x12.7x86mm	(refer to outline drawing)
Weight	230g	

PT 500



NOTE

1: Input and output terminal. --- $\begin{pmatrix} 4-\phi_2 \\ 4-\phi_{0.6} \end{pmatrix}$

(unit : mm)

MODEL NAME	PT500--*
	
PA780-02-01-A	