



- Compact, 12V, 300W supply (25A@12V output) Fits mounting dimensions of other makes of 100W and 200W supplies
- Wide input voltage range: 90VDC to 360VDC. Can be used with positive as well as negative grounded systems
- Output is fully isolated from input
- Input is reverse polarity protected
- Protected against output short circuits
- Used in battery or trolley-operated vehicles such as: buses, locomotives and street cars
- Approved for use in Pennsylvania mines **Note:1754-99**
- **Also available with 24VDC 25A output**

ATS Part Number:	A800966	
Specifications:		
Input Voltage:	90V to 360V	
Output:	25A @ 12V (300W)	
Efficiency @ 300W:	83% (max. heat loss is 51W)	
		Isolation Rating
		Input to base plate: 2500VAC, RMS
		Input to output: 2500VAC, RMS
		Output to baseplate: 500VAC, RMS
Thermal Impedance (baseplate to ambient):	0.6°C/W	
Operating Temperature Range:	-20°C (12°F) to 60°C (140°F)	
Maximum Heatsink Temperature:	85°C (185°F)	
Protection:	-Output is short-circuit protected. -Input is reverse polarity protected. -LU300b cuts out if baseplate temperature exceeds 85°C (185°F). -LU300b cuts out without damage, if input voltage is sustained at 365V to 400VDC.	
Series Connection:	The LU300b can be connected in series to provide +24V @ 25A or +/- 12V @ 25A.	
Mounting:	Mount the LU300b on a solid metal frame to help dissipate heat generated at maximum output.	