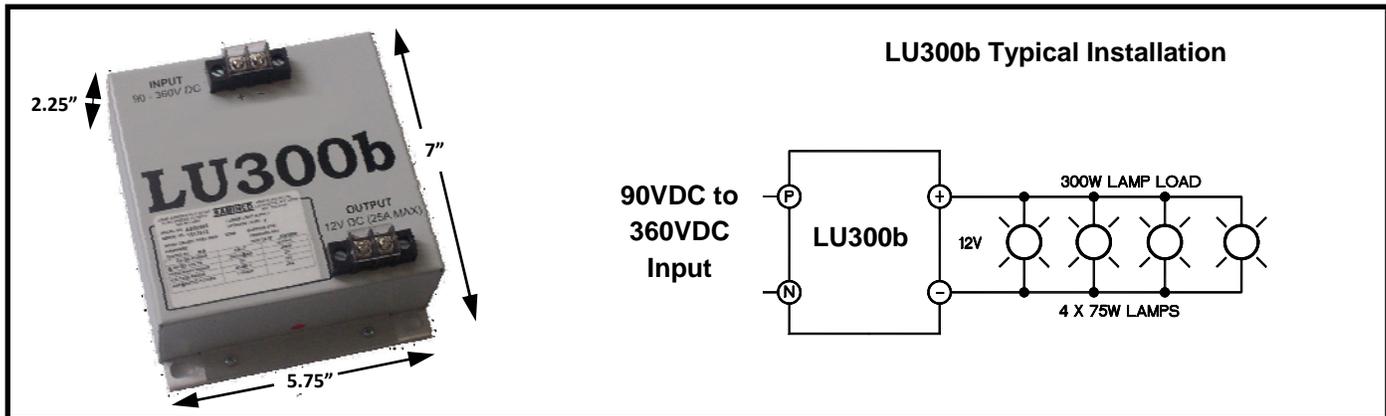


LU300b DC to DC Converter



- Compact 300W DC to DC converter—12VDC @ 25A output (600W 24VDC @ 25A also available)
- Output voltage can be adjusted to 13.4VDC to charge 12VDC batteries
- 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

Specifications:

Input Voltage:	90V to 360V	Isolation Rating	
Output:	12VDC @ 25A (300W)	Input to base plate:	2500VAC, RMS
Efficiency @ 300W:	83% (max. heat loss is 51W)	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)		
Protection:	<ul style="list-style-type: none"> -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.		