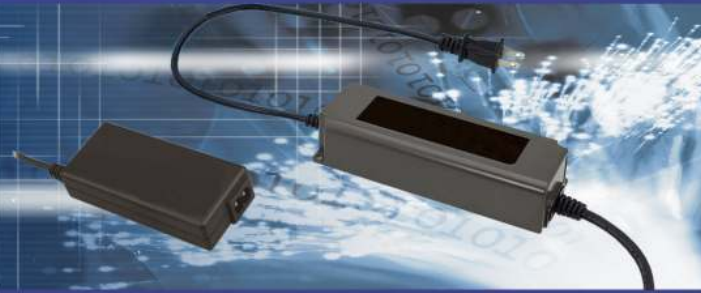


Power Supplies For PoE and PoE+



Description

- These power supplies are used with Luxcom's OM1006A and OM4-POE modems.
- These supplies are fully isolated IEC/EN 61140 protection class II, double insulated.
- They have a two prong North American plug and a 1.5 meter cable.
- Replacement warranty is five years.

PoE Power Budget

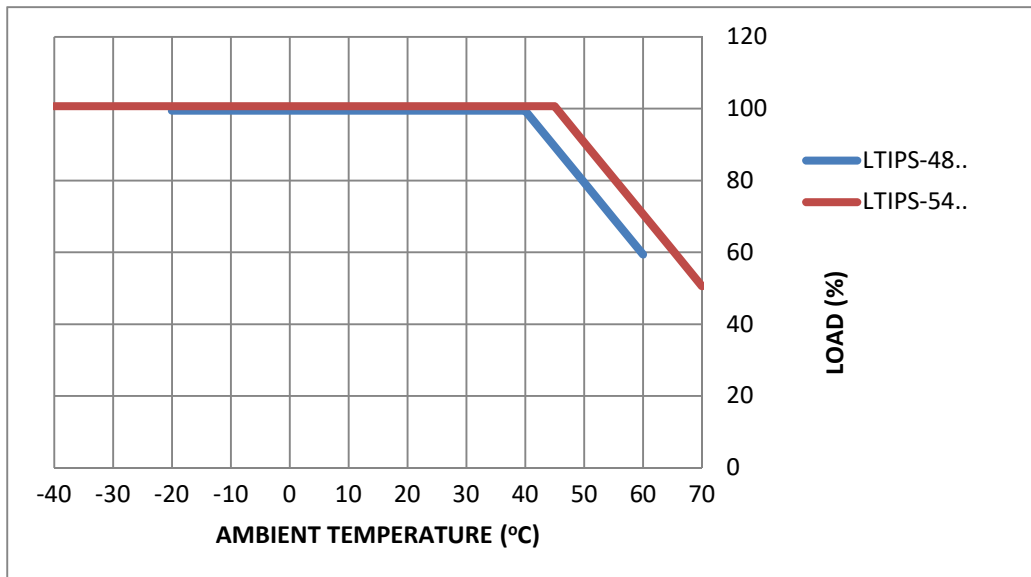
- The power supply is ordered separately from the modem; because the sizing of the supply depends on the user's PoE/PoE+ load requirements.
- If the modem has a 54V power supply and is set to PoE+, it will power PoE and PoE+ loads.
- The maximum PoE load is 13 W but the power source must supply 15.4 W.
The maximum PoE+ load is 25.5 W but the power source must supply 30 W.
The difference between load power and sourced power is lost in the cable which may be up to 100 meters.
- The OM4-PoE uses <4 Watts, and the OM1006A uses <5 Watts without a PoE load; the power supply must source this power in addition to the PoE load.
- Determine the load and temperature range, and size the power supply accordingly.
- Notice the LTIPS-48 has a reduced operating temperature range.



Specifications

Luxcom Part Number	Output Power	Output Voltage	Input Voltage (50-60Hz)	Isolation I/P to O/P	Size	Load
	Watts	VDC	VAC	VAC	cm	
LTIPS-54-2.3-U-2	120	54	90-264	3.75K	19x6x4	PoE or PoE+
LTIPS-54-1.67-U-2	90	54	90-264	3.75K	17x6x4	PoE or PoE+
LTIPS-54-1.12-U-2	60	54	90-264	3.75K	13x5x4	PoE or PoE+
LTIPS-48-0.75-U-2	36	48	90-264	4.24K	11x5x2	PoE only

Power Supply Derating



Power Supply Order Numbers

LTIPS-54-2.3-U-2 120 Watts
 LTIPS-54-1.67-U-2 90 Watts
 LTIPS-54-1.12-U-2 60 Watts
 LTIPS-48-0.75-U-2 36 Watts