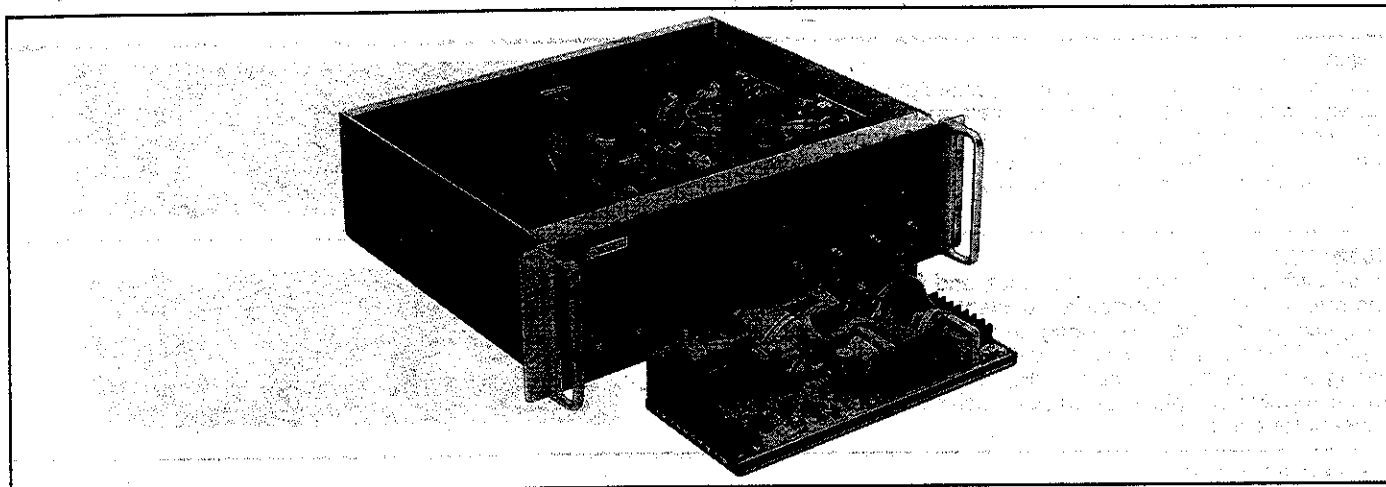


PART III—TEST, SYSTEMS AND LABORATORY POWER SUPPLIES

LAMBDA'S LPS SERIES UNINTERRUPTIBLE POWER SYSTEM



- Truly uninterruptible, glitch-free operation
- Includes 416W modules
- Five minute minimum battery backup at 400 watts of DC power
- A double pole, single throw circuit breaker; AC pilot light; and DC battery fuse are all located on the front panel
- Front panel LED's indicate AC line fail, charger fail, and battery-low
- DC output voltage adjust potentiometers and test points provided on front panel
- AC line fail, charger fail, and battery-low interface signals available as normally open relay contacts via a rear plate terminal strip
- Completely assembled and ready to use

The Lambda LPS Series is designed for use with today's modern switching power supplies which accept either AC or high voltage DC input. The LPS modules may be purchased alone, or used as one of the basic building blocks in a user customized UPS Power System. A standard Lambda UPS system consists of an LPS unit, a Lambda power supply, and a battery to provide loss-of-power protection. The Lambda UPS Power System comes assembled in a rack adapter, complete with indicator lights.

Lambda's LPS Series consists of two packages, the LPS-40 (master module) and LPS-41 (slave module). The LPS-41 has the same power rating as the LPS-40, but contains neither the charger nor failure alarm circuitry. Any number of master or slave modules can be connected in parallel for increased output power and/or increased battery charging current.

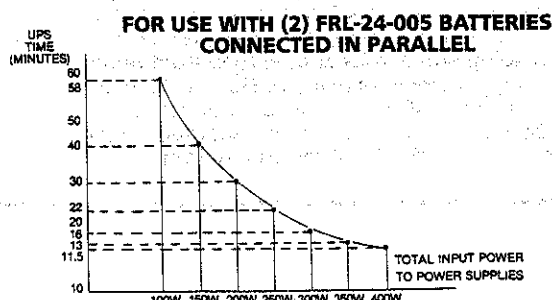
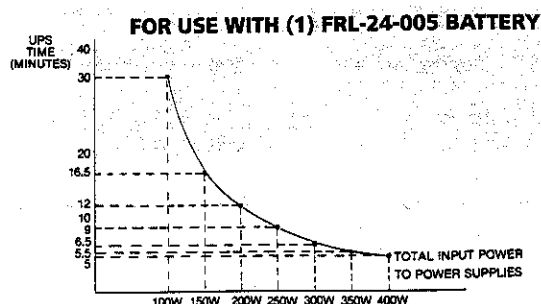
To select the number of UPS modules that fit your needs, you must know the sum of the input power to your power supplies. The input power can be found in the specification sheets of the individual power supplies or can be approximated by dividing the output power of the power supply by its efficiency.

Each UPS module provides 416 watts of input power to your power supplies. Single module systems require the LPS-40. In multi-module systems, one module must be an LPS-40 (master module). You may wish to add master modules in lieu of slave modules to provide battery charging current, thus reducing battery charging time.

MODEL	MAXIMUM CURRENT OUTPUT OF UPS MODULE				COMPLETE MECH. SPEC. PG.	PRICE/QTY.			
	40°C	50°C	60°C	71°C		1	10	25	100
LPS-40	3.2	2.8	2.45	2.15	189	\$719	\$686	\$658	\$567
LPS-41	3.2	2.8	2.45	2.15	189	618	588	565	481
LPS-V-40	1.75	1.52	1.32	1.16	189	719	686	658	567
LPS-V-41	1.75	1.52	1.32	1.16	189	618	588	565	481

NOTE: AC input power for LPS-40 and LPS-41 is 105-132VAC. AC input power for LPS-V-40 and LPS-V-41 is 187-265VAC.

Both master and slave modules are rated at 416W. Any number of modules can be connected in parallel for increased output power.



USE THESE GRAPHS TO DETERMINE HOLD-UP CAPABILITIES. POWER IS INPUT POWER OF POWER SUPPLIES. $P_{IN} = \frac{P_{OUT}}{\text{EFFICIENCY}}$

PART V—MECHANICAL DRAWINGS

LPS SERIES LPS SERIES UNINTERRUPTIBLE POWER SUPPLIES

LPS Series

