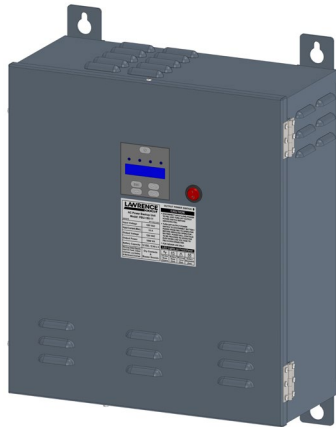


The Lawrence PBU is a battery backup system that supplies 120VAC power to maintain motor operator functionality during a loss of normal building power for up to 24 hours. The PBU can support all MG, ST and FT series operators, SG and FG series operators up to 1 1/2 HP, and FS series operators up to 3/4 HP. A separate ELBP extended life battery pack can be added to significantly increase battery standby hours and cycles.



PBU Power Backup Unit

Standard Features

- UL 508A compliant for US and Canada
- Pure sine wave output
- Easy-to-read power status with intuitive LCD screen
- Audible and LCD warnings for battery maintenance (<5% power)
- Audible and LCD warnings for low power shutdown (0% power)
- External output (battery) power on/off switch for operator serviceability

Optional Features

- ELBP extended life battery pack to increase battery standby hours and cycles

Mounting

- Wall mount through 4 keyhole brackets
- For use in indoor locations – Max. 122° F [50° C] to Min. 23° F [-5° C], non-icing, <85% non-condensing humidity (NEMA 1 enclosure)
- Approximate overall dimensions 17" W x 22" H x 7½" D (16" W x 13½" H x 7" D for ELBP)
- Approximate weight 65 lbs. (including batteries) (60 lbs. for ELBP)

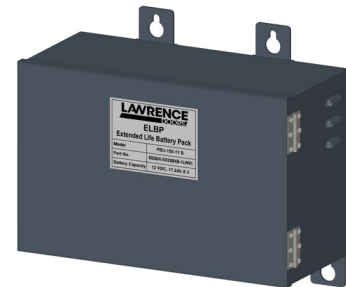
Electrical Characteristics

- Input voltage: 120VAC - 60Hz, 15A max. (input power disconnect switch not included)
- Output power: 1500VA (continuous) / 120VAC - 60Hz, 12.5A, pure sine wave
- PBU batteries: 12VDC, 12Ah x 3
- ELBP batteries: 12VDC, 17.2Ah x 3

NOTE:

1. Standby hours are based on testing with new and fully charged batteries.
2. Cycles are based on testing a 12' high door with an average operating speed of 6"-8" per second.
3. Standby hours and cycle ratings may vary when used with other brands of motor operators.

**ELBP
Extended Life
Battery Pack**



Operator Model	HP	Standby Hours		Cycles	
		PBU	PBU w/ ELBP	PBU	PBU w/ ELBP
MGRL / FGRL	1/3	21	55	65	200
MGH	1/2	21	55	55	145
STK	--	23	59	30	85
SGH / FGH	1/2	24	66	55	145
	1	24	66	45	135
	1 1/2	24	66	35	110
FSML	1/3	11	30	60	185
FS	1/3	12	32	65	200
	1/2	12	32	55	145
	3/4	9	25	35	120
FSH	1/2	12	32	50	140
	3/4	12	32	35	110
FTS	--	10	25	55	145