

## Single-Phase Central Lighting Inverter 400 - 2100 VA/Watts

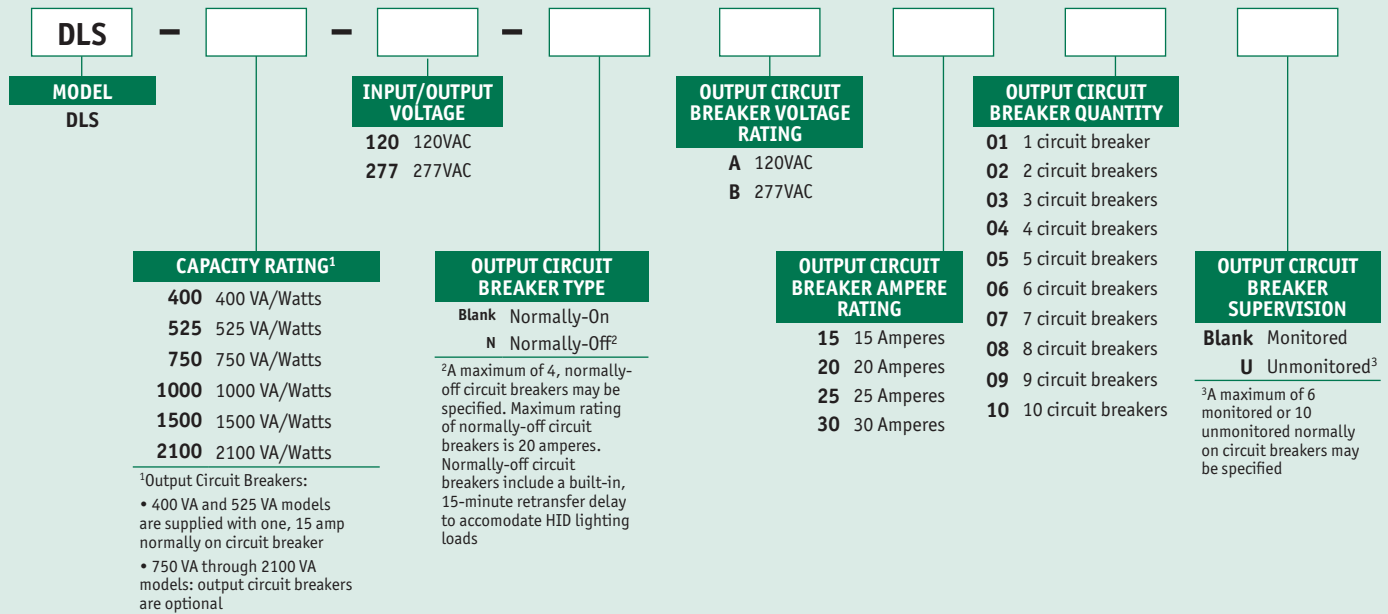
INVERTERS



### FEATURES

- AC output provides full lumen output for emergency lighting loads in commercial or industrial applications
- Compatible with any lighting load including incandescent, fluorescent, HID and LED lamps
- Painted steel enclosure
- Offline operation up to 98% efficient
- Maintenance-free lead-calcium batteries
- Factory startup standard
- Temperature range: 20°C to 30°C (68°F to 86°F)
- UL 924 Listed; Made in USA

### ORDERING INFORMATION



### ELECTRONICS

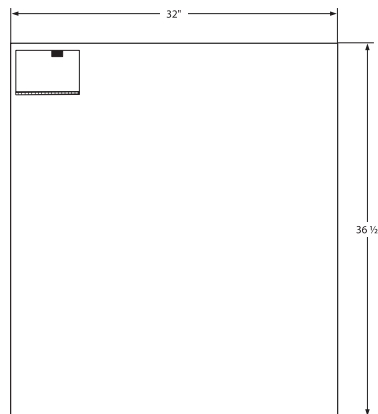
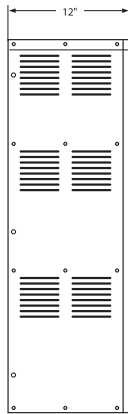
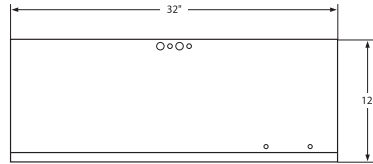
- Uninterruptible “no break” transfer
- Microprocessor controlled pulse width modulation (PWM) using IGBT technology
- LVD, short-circuit, current limiting and overload protection
- True sine wave output
- Power factor range of 0.8 lead to 0.75 lag
- LED status indicator, audible alarm system and push button test switch

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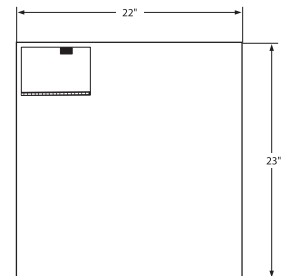
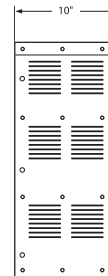
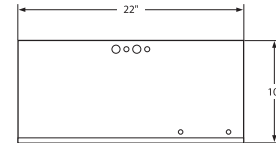
### SPECIFICATIONS

VA/WATTS	400	525	750	1000	1500	2100
Input/Output Voltage	120/120 or 277/277VAC ±10%					
AC Input Circuit Breaker Rating 120/277V	10/15 Amps			15/15A	20/15A	25/15A
AC Output Circuit Breaker Rating	Single Pole, 15 Amp, Normally-On			Optional: Single Pole, Normally-On, Normally-off		
Charger Size	2 Amps					
System DC Voltage	36	36	72	72	72	96
System DC Control	DC Switch, DC Fuse					
Cabinet Size	22"W x 23"H x 10"D (55.9cmW x 58.4cmH x 25.4cmD)			32"W x 36.5"H x 12"D (81.3cmW x 92.7cmH x 30.5cmD)		
BTU/Hour - Line/Inverter	70/260	92/341	131/382	175/510	263/765	368/886
Weight [lbs. (kg) - including batteries]	143 (65.1)	173 (78.8)	281 (128)	346 (157.6)	400 (182.2)	480 (218.7)

### 750VA to 2100VA Models (floor mount only)



### 400VA to 525VA Models (may be wall mounted)



# Service Options

## Service Options for Single Phase Inverters

### Factory Startup

All single-phase inverter systems (except LiteGear™ models) are provided standard with factory start-up service by a qualified technician and a two year warranty. A factory trained technician will perform all steps necessary to insure proper operation of the central lighting inverter following installation by a qualified electrical contractor.

### Additional Training Visit

After completing the on-site system start-up, the technician will be available at that time to train owner/user personnel. If the appropriate personnel are not available for on-site training at the completion of the factory start-up procedure, an Additional Training Visit (ATV) option is available at extra cost.

### Monitoring Program

For additional peace of mind (charge required), an inquiry will be sent to the single-phase inverter system each month and the results will be reviewed by Dual-Lite's Technical Support Department. The results of the review will be sent to the designated customer contact with recommendations for corrective action.

### Preventive Maintenance Program

All single-phase inverter systems (except LiteGear™ models) qualify for Dual-Lite's preventive maintenance program. This program provides nine different plan levels including extended warranty programs (refer to the below explanation of plan levels for more information). Each plan offers a choice of preventive maintenance levels that provide annual visits by a factory trained technician plus 'call for service' options.

PMP-A1	PMP-A2	PMP-A3
Additional 1-year warranty and 1-year service coverage, weekdays, M-F, 8AM to 5PM EST.	Additional 2-year warranty and 2-year service coverage, weekdays, M-F, 8AM to 5PM EST.	Additional 3-year warranty and 3-year service coverage, weekdays, M-F, 8AM to 5PM EST.
PMP-B1	PMP-B2	PMP-B3
Additional 1-year warranty and 1-year service coverage, 24 hours/day, 7 day/week (no holidays).	Additional 2-year warranty and 2-year service coverage, 24 hours/day, 7 day/week (no holidays).	Additional 3-year warranty and 3-year service coverage, 24 hours/day, 7 day/week (no holidays).
PMP-C1	PMP-C2	PMP-C3
Additional 1-year warranty and 1-year service coverage, 24 hours/day, 7 day/week (includes holidays).	Additional 2-year warranty and 2-year service coverage, 24 hours/day, 7 day/week (includes holidays).	Additional 3-year warranty and 3-year service coverage, 24 hours/day, 7 day/week (includes holidays).

### Service Coverage Includes:

- Inspect all battery connections for the presence of corrosion. Clean and retighten all connections to factory specifications
- Check and recalibrate all input and output parameters and settings
- Check cooling fans
- Exercise all circuit breakers
- Verify the operation of all installed options and remote panels
- Run and monitor a system performance check by simulating an input power outage and recording periodic battery readings
- Clean the inside and outside of all system cabinets
- Provide a list of any/all items that could possibly prevent the unit from performing its intended function during a power outage and recommend any preventive maintenance actions

