

# ETERNALIGHT 3 HARSH

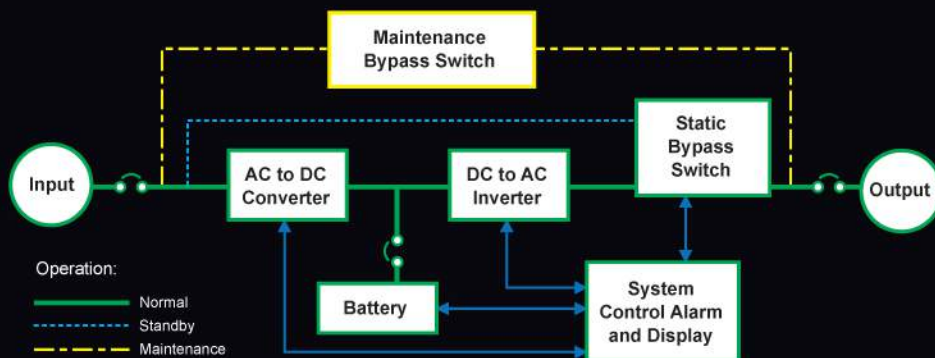
## ONLINE OUTDOOR EMERGENCY LIGHTING INVERTER

KEEP THE LIGHTS "ON" WHEN YOU NEED THEM THE MOST

THREE PHASE 3 KW - 125 KW

Defends your environment against unwanted power outage and electrical disturbances by providing:

- DSPM Watchdog software always on guard.
- Display monitor keeps you in control 24/7.
- Dependable DSP/PWM technology for unsurpassed reliability.
- Economical for the lowest overall cost for your light safety with an Energy Star Rating.
- Temperature compensating technology that controls batteries for the longest battery life.
- Sealed maintenance-free batteries.
- Full light output for entire 90 minutes.
- Self-diagnostics for a safe and secure lighted environment.
- Pure sine wave output for all types of lamps.
- ECM module is a patented technology used by DSPM.
- Backup solutions for multiple applications such as: indoor and outdoor emergency lighting, exits, cash registers, computers, strategic electronics, and more!
- 10 Year pro-rated battery warranty.
- 5 Year power train warranty.
- Listed to UL924, UL1778, and UL 508
- Cities of Chicago and New York approved.
- Complies with the Buy American Act.



**DSPM** INC.  
DIGITAL SIGNAL POWER MANUFACTURER  
[www.dspmanufacturing.com](http://www.dspmanufacturing.com)

**FGC**  
EQUIPMENT





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### THREE PHASE 3 KW - 125 KW



0.075, 0.1, 0.125, 0.2, 0.3, 0.35, 0.525, 0.7, 0.875, 1.05, 1.4, 2.0, 2.4, 2.6,.....Standard Power Levels\*  
 3.0, 3.4, 3.8, 4.2, 4.7, 5.25, 7.0, 8.0, 10.0, 12.0, 14.0, 18.0, and 21.0 KW  
 120, 208, 240, 277 or 480 VAC.....Input Voltage\*  
 +10% -15%.....Input Voltage Range\*  
 120, 277, 480, 120/240 or 120/277 VAC.....Output Voltage\*  
 ±3% for all loads and battery discharge mode.....Output Voltage Regulation\*  
 60 Hz, ±1%.....Output Frequency Range\*  
 Sine-wave <5% @ 100% linear load.....Output Wave Form  
 2.5:1 typical.....Crest Factor  
 Input Main Circuit Breaker.....Input Protection  
 Output Main Circuit Breaker.....Output Protection  
 The unit will protect itself and the load.....Surge Protection  
 against surges as defined in  
 ANSI/IEEE C62.45 Category A and B  
 Sealed maintenance-free (AGM) lead calcium.....Battery  
 Conforms to UL924 standards.....Recharge Current  
 Provision for hardware connection of.....External Battery  
 external battery cabinets or DC source  
 ≥92% at 100% linear load.....Efficiency  
 <45dB measured on Response Curve "A".....Audible Noise  
 UL924 and UL1778.....ETL Listed\*\*  
 -20° to 50°C (-4° to 122°F).....Operating Temperature  
 -20° to 60°C (-4° to 140°F).....Storage Temperature  
 5 - 100%, Non-condensing.....Humidity  
 NEMA 4.....Cabinet

\*Consult factory for others.

\*\*Safety agency evaluated for indoor operation.

Specifications subject to change without notice.

#### Options:

ECM - Environmental Control Module  
 NOF - Normally OFF Circuit  
 NOH - Normally OFF "Hold On"  
 OCB - Output Circuit Breker(s)  
 EPO - Emergency Power Off  
 RSSP - Remote Indicator Panel  
 SNMP - SNMP Card  
 FC - Form C Contacts  
 SRB - Seismic-Rated Bracket  
 STU1 - Onsite Startup  
 IDB - Internal Dimmer Bypass  
 EMB - External Maintenance Bypass  
 HE - Heat Exchanger  
 HTR - Heater  
 EW - Extended Warranty

Eternalight Harsh 3	Power Rating	UPS			Battery			Weight
		Cabinet Dimensions			Cabinet Dimensions			(com- bined)
OTEH3 (Consult factory for other capabilities)	KVA/KW	W	H	D	W	H	D	(lbs)
	3	41"	72"	36"	not required			1730
	4.5	41"	72"	36"	not required			1850
	6	41"	72"	36"	not required			2100
	8	41"	72"	36"	not required			2450
	10	41"	72"	36"	not required			3000
	12	41"	72"	36"	41"	72"	36"	3450
	16	41"	72"	36"	41"	72"	36"	3700
	20	41"	72"	36"	41"	72"	36"	4550
	24	Consult Factory						
	30	Consult Factory						
	40	Consult Factory						
	60	Consult Factory						
	80	Consult Factory						
	100	Consult Factory						
125	Consult Factory							

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