



FEATURES

- 350 Watts - 2000 Watts single phase output unit uses the latest DSP/ PWM technology to provide the most advanced performance and reliability features

SPECIFICATIONS

- INPUT: 120V, 208V, 240V, 277V or 480V input 60Hz
- OUTPUT: 120V, 240V, 277V, 480V, 120/240 or 120/277VAC. True "on-line" design is $\geq 92\%$ efficient at 100% linear load

BATTERIES

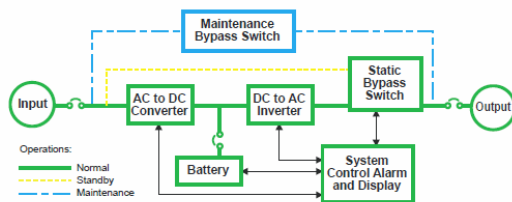
- Sealed, maintenance-free, lead calcium (AGM) batteries
- 10-Year prorated warranty
- Smart Battery Monitoring System is TEMPERATURE COMPENSATED maintaining maximum runtime and battery life
- Microprocessor controlled recharge and overcharge protection standard

PROTECTION

- Provides overload, surge and undercurrent protection using DSP/ PWM technology and DSPM Watchdog Software to protect system performance and reliability
- Surge protection against load surges as defined in ANSI/IEEE C62.45 category A and B

LISTINGS

- UL 924, UL1778, meets NFPA 101, NFPA 70, NEC and OSHA standards
- Cities of Chicago and New York approved
- Complies with the Buy American Act



The Defender Mini maintains efficient AC Emergency Power to operate all emergency lighting fixtures at "full-light" output, providing superior dependability and security to commercial/industrial environments in a small footprint.

The Defender Mini provides the simplicity and reliability that is critical when providing an alternative source of power to any environment. Easy installation ... "simplicity" ... connect the Mini to the emergency circuit(s) and everything is backed up... "reliability" ... during a power outage. All lighting connected to the Mini will simply continue to operate at "full light output". Watchdog© software keeps your environment safe while self-diagnostics help maintain equipment to a high standard. Superior surge suppression assures the highest quality of power being delivered to all loads, all the time. Equipment and lamp life are maximized.

We sincerely hope you never experience a real emergency, but if you do, you deserve the security, safety and peace of mind that the Defender Mini ensures.

LAMPS AND LOADS

- Emergency power provides FULL LIGHT OUTPUT from all lamps and fixtures for the entire runtime
- Operates fluorescent, compact fluorescent, incandescent, quartz, H.I.D., LED and other lamp types
- Standard or electronic ballasts, dimming devices or panels, sensors and most control equipment
- Standard or LED Exits and other safety equipment

CABINET

- Space saving small footprint
- Modular design enables flexible installation

ORDERING INFORMATION

NOTE: Product specifications subject to change without notice. Updated 08.2017

MODEL	POWER RATING VA/W	UPS CABINET DIMENSIONS W x H x D	WEIGHT	BTU'S	VOLTAGE (VAC)		OUTPUT PROTECTION	SAFETY APPROVALS
					INPUT	OUTPUT		
DMINI	350	24" 26" 16"	340	95.2	120,	120,	Input and output circuit breakers standard	UL924 UL1778 NFPA 101 NFPA 70 NEC
	525	24" 26" 16"	340	142.8	208,	277,		
	700	24" 26" 16"	370	190.4	240,	480,		
	750	24" 26" 16"	370	204	277	120/240		
	875	24" 26" 16"	370	238	or	or		
	1050	24" 26" 16"	440	285.6	480	120/277		
	1400	24" 26" 16"	460	544				
	1800	24" 26" 16"	460	544				
	2000	24" 26" 16"	600	380.8				

INSTALLATION

- Modular design and small footprint allow easy installation in electrical closet or other convenient locations
- Phone assisted factory start-up standard for all systems
- Extended warranty available

SPECIAL APPLICATIONS

- Offers numerous UL924 optional devices to meet unusual or difficult application parameters
- ECM - Environmental Circuit Module allows fixtures and lamps on the emergency circuit(s) to be operated by normal switching and/or dimming devices in NON-emergency conditions
- Dimming Panel Interface allows use with emergency lights controlled by common dimmer panel

WARRANTY

- 1-Year full warranty on system electronics
- Battery warranty 1-year with 9-years pro-rated
- System 1-year on-site warranty labor with phone assisted start-up
- 5-Year powertrain warranty
- Maintenance contracts available

ORDERING INFO

- Choose the bold face catalog nomenclature that best suites your needs.
- Write them on the appropriate line. Order accessories as separate catalog number.
- Example:
- DMINI - 1050 - 208/120 - OCB/120/3/20/1 NOF/120/1 - 90
- Description of example: (1050 Watt, 208 Voltage In, 120 Voltage Out, 3 Output 120 Voltage Circuit Breakers at 20amps, 2 pole, 1 Normally Off 120 Volt Output Circuit, 90 minute run time)

DMINI					
FAMILY	POWER RATING	VOLTAGE ¹		OPTIONS	TIME ³
	<u>VAW</u>	<u>Input/Output</u>	<u>Input/Output</u>	ECM120 - 120V Environmental control module ² /qty	<u>Minutes</u>
	350	120/120	240/120-240	ECM277 - 277V Environmental control module ² /qty	5
	525	120/277	240/120-277	NOF - Normally OFF output circuit/voltage / qty/pole	10
	700	120/480	277/120	NOH - Normally OFF "Hold ON"/voltage/qty/pole	15
	750	120/120-240	277/277	OCB - Output circuit breakers / voltage / quantity/amps/pole	20
	875	120/120-277	277/480	EPO - Emergency power off	25
	1050	208/120	277/120-240	RSSP - Remote Indicator Panel	30
	1400	208/277	277/120-277	SNMP - SNMP Card	45
	2000	208/480	480/120	FC - Form C Contacts	60
		208/120-240	480/277	WB - Wall mounted bracket	90 (Standard)
		208/120-277	480/480	STUM - Onsite start-up	120
		240/120	480/120-240	IDB - Internal dimmer bypass	180
		240/277	480/120-277	EMB - External maintenance bypass switch	240
		240/480		EW - Extended warranty	

NOTES:

- 1-Consult factory for other voltage requirements.
Special voltages may effect the weight, size and number of cabinets.
- 2-One ECM is used per switching device or circuit.
- 3-Consult factory for other run times.

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