



CEPS-D SERIES EMERGENCY LIGHTING INVERTER SYSTEM

3 Phase Systems 4.8KVA/KW to 50KVA/KW



PROJECT: _____

FIXTURE TYPE: _____

LOCATION: _____

CONTACT/PHONE: _____



Electronics Cabinet
Models 4.8KVA to 16.7KVA*



Electronics Cabinet
Models 24KVA to 50KVA*

STANDARD FEATURES

- 98% Efficient
- UL 924 Listed
- PWM/IGBT Technology & Microprocessor Control
- Maintenance Bypass
- User Programmable with Password Protection
- Automatic Event & Alarm Log
- RS232 Communications Port
- Input Circuit Breaker
- Low Audible Noise

SPECIFICATIONS

- Input 120/208 or 277/480 VAC 3 Phase 4 Wire Wye Configuration
- Output 120/208 or 277/480 VAC 3 Phase Wye Or Delta Configuration
- Output Load Power Factor .5 Lag to .5 Lead
- LED, Electronic & Magnetic Ballast Compatible
- Output Distortion Less Than 3% THD For Linear Loads
- Forced Air Cooling Only During Emergency Operation, No Filters Required
- Generator Compatibility
- 90 Minute Runtime Standard; Additional Runtimes Available Upon Request

DIMENSIONS



**Electronics cabinet dimensions. Please refer to chart on next page for battery cabinet dimensions.*

OPTIONAL FEATURES

- Internal Battery Circuit Breaker/Fuse
- External Maintenance Bypass
- Enhanced Communications
- Summary Form C Contacts
- Remote Meter Panel
- Output Circuit Breakers
- Extended Factory Warranty
- Factory Startup & Training



D- SERIES EMERGENCY LIGHTING INVERTER SYSTEM

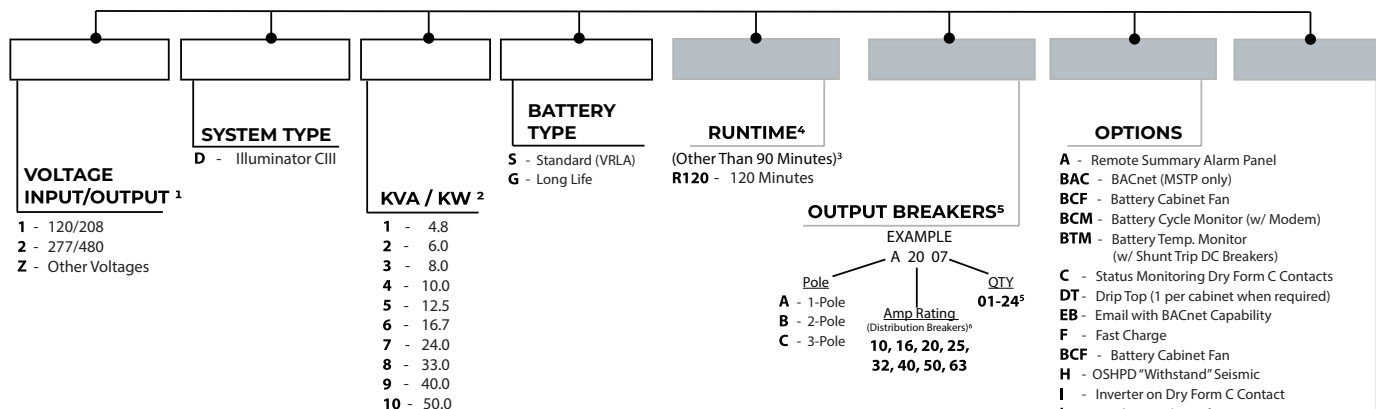
3 Phase Systems 4.8KVA/KW to 50KVA/KW



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ORDERING INFORMATION

EXAMPLE: 1-D-4-S-A2007-F-T-S-2YW



- Standard input voltage is 4-Wire Wye. 3-Wire Delta Input requires external isolation transformer.
- KVA = KW
- Cabinet(s) will vary for systems other than 90 minute run. Contact factory.
- Standard battery run time is 90 minutes. Additional runtimes available. Contact factory.
- Maximum output breakers quantity available: 4.8k thru 16.7k systems -12 unsupervised (1-pole) or 9 supervised (1-pole). With the addition of a top enclosure, an additional 30 unsupervised (1-pole) or 20 supervised (1-pole). 24k up to 50k systems - 36 unsupervised (1-pole), or 30 supervised (1-pole). Combinations of 1, 2 and / or 3 pole breakers available (consult factory).
- Higher Amp ratings available - contact factory.
- Anchorage based on calculations, for systems requiring shaker table testing please contact factory.

☐ = Required feature for part number.
☐ = Optional feature. Not required for part number. Contact factory.

WARRANTY & ON-SITE SERVICES

2YWT - Start Up & Same Day Training
2YT - Start Up, Same Day Training and Full Run Test
5YP - 5-Year Preventative Maintenance Plan, Start Up Included
5YW - 5-Year Extended Electronics Warranty
TR - Owner's Training

DIMENSIONS (90 MINUTE RUN SYSTEMS)³

Partial Model Number	UPS Electronics Module									Batteries		Battery Module										Tot. Sys. Wt.		
	Power Rating (kVA)		Power Rating (kW)		Efficiency (@ full load)		Audible Noise (dBA @ 1m)		Heat Loss (BTU)		Number of Batteries	Voltage (VDC)			Current (Amperes)			Run Time (mins)			Number of Battery Cabinets			
	Width	Height	Depth	Weight	Total Battery Weight			Width	Height	Depth		Weight												
in/cm	in/cm	in/cm	lbs/kg	lbs/kg			in/cm	in/cm	in/cm	lbs/kg														
D-1-S	4.8	4.8	98	45	326	30/77	47/120	25/64	535/243	888/403	12	144	39	90	30/77	47/120	25/64	210/96	1	1633/741				
D-2-S	6.0	6.0	98	45	408	30/77	47/120	25/64	535/243	1110/504	15	180	39	90	30/77	47/120	25/64	210/96	1	1855/842				
D-3-S	8.0	8.0	98	45	544	30/77	47/120	25/64	535/243	1480/672	20	240	39	90	30/77	47/120	25/64	232/106	1	2247/1020				
D-4-S	10.0	10.0	98	45	680	30/77	47/120	25/64	639/290	1776/806	24	144	81	90	30/77	47/120	25/64	420/191	1	2835/1286				
D-5-S	12.5	12.5	98	45	850	30/77	47/120	25/64	639/290	2220/1007	30	180	81	90	30/77	47/120	25/64	420/191	2	3279/1488				
D-6-S	16.7	16.7	98	45	1136	30/77	47/120	25/64	639/290	2960/1343	40	240	81	90	30/77	47/120	25/64	464/211	2	4063/1843				
D-7-S	24.0	24.0	98	45	1632	44/112	72/183	31/79	1250/567	4440/2014	60	240	117	90	48/122	72/183	31/79	700/318	1	6390/2899				
D-8-S	33.0	33.0	98	45	2244	44/112	72/183	31/79	1250/567	6080/2758	80	240	160	90	48/122	72/183	31/79	1300/590	2	8630/3915				
D-9-S	40.0	40.0	98	45	2720	44/112	72/183	31/79	1450/658	7400/3357	100	240	194	90	48/122	72/183	31/79	1300/590	2	10150/4604				
D-10-S	50.0	50.0	98	45	3400	44/112	72/183	31/79	1460/658	9120/4137	120	240	243	90	48/122	72/183	31/79	1400/635	2	11980/5433				