



D-Series Emergency Lighting Inverter System

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

Electronics Cabinet
Models 4.8KVA to 16.7KVA*



Electronics Cabinet
Models 24KVA to 50KVA*



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

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

OPTIONAL FEATURES

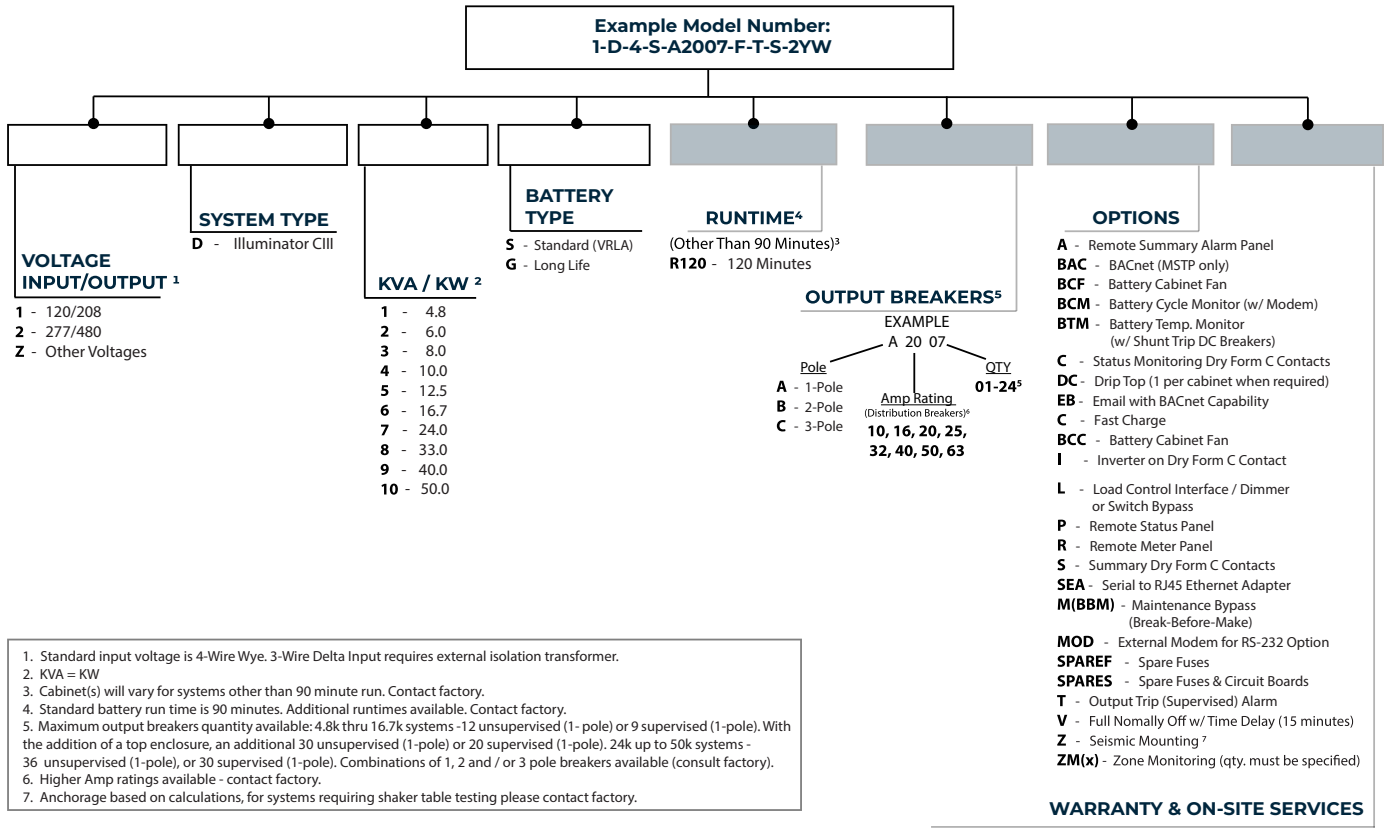
- Internal Battery Circuit Breaker/Fuse
- External Maintenance Bypass
- Enhanced Communications
- Summary Form C Contacts
- Remote Meter Panel
- Output Circuit Breakers
- Extended Factory Warranty
- Factory Startup & Training

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



ORDERING GUIDE



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

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

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)			Cabinet Dimensions			Number of Batteries	Total Battery Weight lbs/kg		Voltage (VDC)			Current (Amperes)			Number of Battery Cabinets
	Width	Height	Depth	Weight	Width	Height	Depth	Weight	Width	Height	Depth	Weight	Width	Height	Depth	Weight	Run Time (mins)	Cabinet Dimensions										
																						in/cm	in/cm	in/cm	lbs/kg	in/cm	in/cm	
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	11980/5434								

