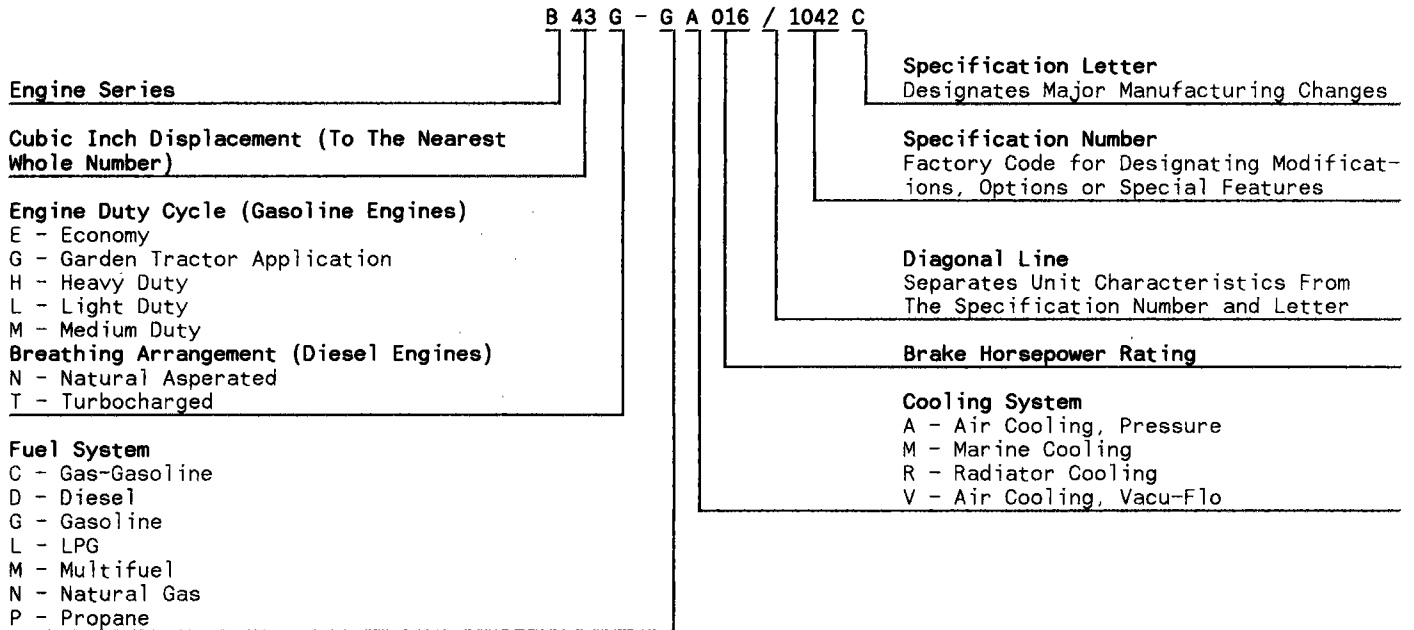


MODEL IDENTIFICATION



<http://stores.ebay.com/UsefulCDs>

MODEL IDENTIFICATION
(Late Model Engines - Except L and P Series)



MODEL IDENTIFICATION
(Early Model Engines)

BF - MS / 3852 B

Engine Series

Power Take-off

F - Clutch Drive
G - Gear Reduction Drive
M - Starter
MF - Starter and Clutch Drive
MG - Starter and Gear Reduction Drive
MS - Starter and Stub Shaft
MT - Starter and Transmission
S - Stub Shaft
T - Transmission Drive

Specification Letter

Designates Major Manufacturing Changes

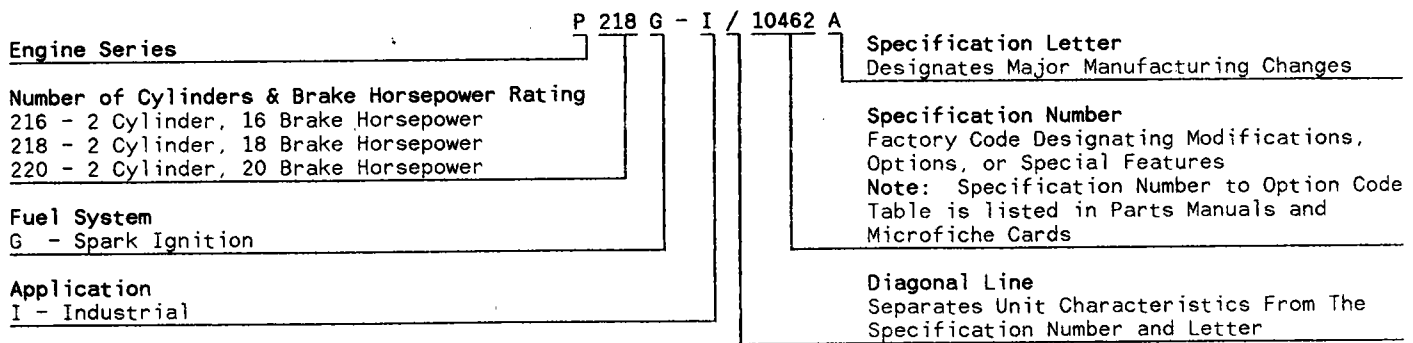
Specification Number

Factory Code for Designating Modifications,
Options or Special Features

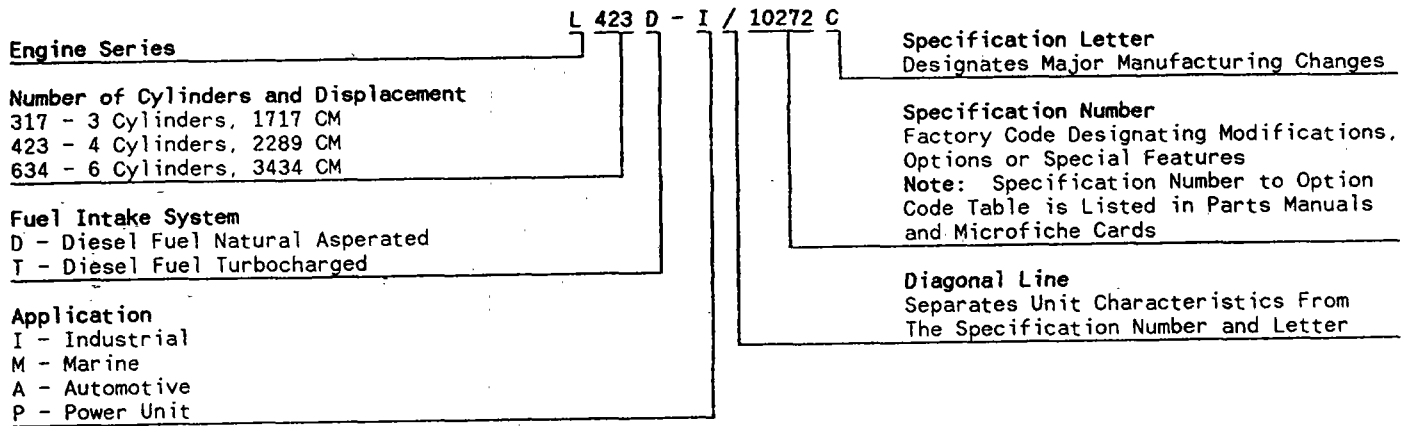
Diagonal Line

Separates Unit Characteristics From The
Specification Number and Letter

**MODEL IDENTIFICATION
(P Series Engines)**



**MODEL IDENTIFICATION
(L Series Engines)**



MODEL IDENTIFICATION
(Generator Sets Prior to 1969)

Capacity In Kilowatts +	205	AJ	2	R	V	*	/	926	A	Specification Letter Designates Major Manufacturing Changes
Engine Identification										Specification Number Factory Code Designating Modifications, Options or Special Features
Voltage and Frequency Code										Diagonal Line Separates Unit Characteristics From The Specification Number and Letter
1 - 120 Volt, 1 Phase, 2 Wire										Standard Modifications
1X - 120 Volt, 3 Phase 3 Wire (Delta or Wye)										1 - 6 Volt Cranking
2 - 240 Volt, 1 Phase, 2 Wire										2 - 12 Volt Cranking
2X - 120/208, 240/416, 120/240, 3 Phase, 12 Wire										3 - 24 Volt Cranking
3 - 120/240 Volt, 1 Phase, 3 Wire										4 - 32 Volt Cranking
3A - 100/200 Volt, 1 Phase, 4 W (Reconnectible)										5 - 125 Volt Cranking
3B - 110/220 Volt, 1 Phase, 4 W (Reconnectible)										8 - Unhoused Model
3C - 120/240 Volt, 1 Phase, 4 W (Reconnectible)										10 - 36 Volt Cranking
3U - 120/240 Volt, 1 Phase, 3 W (Unity Power Factor)										11 - 48 Volt Cranking
3X - 240/480 Volt, 1 Phase, 3 Wire										16 - Hand Throttle (No Governor)
4 - 120/208 Volt, 3 Phase, 4 Wire										17 - X-ray Model
4X - 277/480 Volt, 3 Phase, 4 Wire										28 - Variable Speed Governor
5 - 240 Volt, 3 Phase, 3 Wire										30 - State of Pennsylvania (Gasoline)
5D - 120/240 Volt, 3 Phase, 4 W (Delta Wound)										31 - State of Pennsylvania (Gas)
5X - 240/480, 240, 240/416, 3 Phase, 12 Wire										50 - State of Pennsylvania (Diesel)
6 - 480 Volt, 3 Phase, 3 Wire										114 - Fire Dept. Models (Manual Start)
6D - 240/480 Volt, 3 Phase, 4 W (Delta Wound)										131 - State of Pennsylvania (LPG)
6X - 277/480, 139/240, 240/416 Volt, 3 Phase 12 Wire										1330 - Utility Truck Model
7 - 220/380 Volt, 3 Phase, 4 Wire										2236 - Contractor Model
7X - 240/416 Volt, 3 Phase, 4 Wire										2268 - Heat Exchanger Model
8 - 127-220 Volt, 3 Phase, 4 Wire										3500 - Portastart With 18 Volt Battery
8X - 120/208, 120, 120/240 Volt, 1 & 3 Ph, 6 Wire										3836 - Marine Work Boat Model
9 - 600 Volt, 3 Phase, 3 Wire										3900 - Portastart
9X - 347/600 Volt, 3 Phase, 4 Wire										4114 - Fire Department Model (Elect. Start)
14 - 120/208, 240/416 Volt, 3 Phase, 10 Wire										6000 - Mobile Models
15 - Broad Range, 1 & 3 Phase, 12 Wire										
16 - 139/240, 277/480 Volt, 3 Phase, 10 Wire										Design Feature
17 - Broad Range, 3 Phase, 12 Wire										V - Vacu-flo Cooling
18 - Broad Range, 1 & 3 Phase, 12 Wire										L - Idlematic Control
99 - Special Voltage										
519 - 110/190, 115/200 V, 3 Ph, 4 W (50 Hertz Only)										Starting Method
520 - 220/380, 230/400 V, 3 Ph, 4 W (50 Hertz Only)										A - Automatic Start (Start On Demand)
521 - 120/208, 127/220 V, 3 Ph, 4 W (50 Hertz Only)										E - Electric Start (At The Set)
522 - 240/416, 254/440 V, 3 Ph, 4 W (50 Hertz Only)										M - Manual Start
										P - Portable Models (Manual Start For Portable Service)
										R - Remote Start (Remote Control)
Note: For 50 hertz add a number 5 in front of the voltage code number. For 50/60 hertz add a number 2 in front of the voltage code number.										
330 - 30 Volt DC (Welder)										
331 - 30 Volt DC, 120 Volt AC (Welder)										
332 - 20-30 Volt DC, 240 Volt AC (Welder)										
341 - 25 Volt AC, 120 Volt AC (Welder)										
343 - 25 Volt AC, 120/240 Volt AC (Welder)										
381 - 28 Volt DC, 120 Volt AC (Welder)										
206 - 6-8 Volt DC Battery Charging										
210 - 110-140 Volts Battery Charging										
212 - 12-15 Volt DC Battery Charging										
224 - 24-28 Volt DC Battery Charging										
225 - 12/24 Dual Voltage DC Battery Charging										
226 - 6/12/24 Volt DC Battery Charging										
228 - 28.5 Volts DC Battery Charging										
232 - 32-40 Volt DC Battery Charging										
114 - 14 Volt DC Non-Battery Charging										
115 - 115 Volt DC Non-Battery Charging										
123 - 230 Volt DC Non-Battery Charging										
125 - 125 Volt DC Non-Battery Charging										
128 - 28 Volt DC Non-Battery Charging										
136 - 36 Volt DC Non-Battery Charging										
144 - 440 Volt DC Non-Battery Charging										
150 - 250 Volt DC Non-Battery Charging										

+ - The 0 used in place of a decimal
(205 is 2.5 kilowatts)

MODEL IDENTIFICATION
(Introduced 1969 Used Through April 1988)

Capacity in Kilowatts	4.0	BGE	-	3	R	/	12006	B	Specification Letter Designates Major Manufacturing Changes
Engine Identification									Specification Number Factory Code for Designating Modifications, Options, or Special Features
Voltage and Frequency Code									Diagonal Line Separates Unit Characteristics From The Specification Number and Letter
1 - 120 Volt, 1 Phase, 2 Wire 1X - 120 Volt, 3 Phase, 3 Wire (Delta or Wye) 2 - 240 Volt, 1 Phase, 2 Wire 2X - 120/208, 240/416, 120/240, 3 Phase, 12 Wire 3 - 120/240 Volt, 1 Phase, 3 Wire 3A - 100/200 Volt, 1 Phase, 4 W (Reconnectible) 3B - 110/220 Volt, 1 Phase, 4 W (Reconnectible) 3C - 120/240 Volt, 1 Phase, 4 W (Reconnectible) 3U - 120/240 Volt, 1 Phase, 3 W (Unity Power Factor) 3X - 240/480 Volt, 1 Phase, 3 Wire 4 - 120/208 Volt, 3 Phase, 4 Wire 4X - 277/480 Volt, 3 Phase, 4 Wire 5 - 240 Volt, 3 Phase, 3 Wire 5D - 120/240 Volt, 3 Phase, 4 W (Delta Wound) 5X - 240/480, 240, 240/416, 3 Phase, 12 Wire 6 - 480 Volt, 3 Phase, 3 Wire 6D - 240/480 Volt, 3 Phase, 4 W (Delta Wound) 6X - 277/480, 139/240, 240/416 Volt, 3 Phase 12 Wire 7 - 220/380 Volt, 3 Phase, 4 Wire 7X - 240/416 Volt, 3 Phase, 4 Wire 8 - 127-220 Volt, 3 Phase, 4 Wire 8X - 120/208, 120, 120/240 Volt, 1 & 3 Ph, 6 Wire 9 - 600 Volt, 3 Phase, 3 Wire 9X - 347/600 Volt, 3 Phase, 4 Wire 14 - 120/208, 240/416 Volt, 3 Phase, 10 Wire 15 - Broad Range, 1 & 3 Phase, 12 Wire 16 - 139/240, 277/480 Volt, 3 Phase, 10 Wire 17 - Broad Range, 3 Phase, 12 Wire 18 - Broad Range, 1 & 3 Phase, 12 Wire 99 - Special Voltage 519 - 110/190, 115/200 V, 3 Ph, 4 W (50 Hertz Only) 520 - 220/380, 230/400 V, 3 Ph, 4 W (50 Hertz Only) 521 - 120/208, 127/220 V, 3 Ph, 4 W (50 Hertz Only) 522 - 240/416, 254/440 V, 3 Ph, 4 W (50 Hertz Only)									Starting Method A - Automatic Start (Start On Demand) E - Electric Start (At The Set) P - Portable Models (Manual Start For Portable Service) R - Remote Start (Remote Control)
Note: For 50 hertz add a number 5 in front of the voltage code number. For 50/60 hertz add a number 2 in front of the voltage code number.									
..... 330 - 30 Volt DC (Welder) 331 - 30 Volt DC, 120 Volt AC (Welder) 332 - 20-30 Volt DC, 240 Volt AC (Welder) 341 - 25 Volt AC, 120 Volt AC (Welder) 343 - 25 Volt AC, 120/240 Volt AC (Welder) 381 - 28 Volt DC, 120 Volt AC (Welder)									
..... 206 - 6-8 Volt DC Battery Charging 210 - 110-140 Volts Battery Charging 212 - 12-15 Volt DC Battery Charging 224 - 24-28 Volt DC Battery Charging 225 - 12/24 Dual Voltage DC Battery Charging 226 - 6/12/24 Volt DC Battery Charging 228 - 28.5 Volts DC Battery Charging 232 - 32-40 Volt DC Battery Charging									
..... 114 - 14 Volt DC Non-Battery Charging 115 - 115 Volt DC Non-Battery Charging 123 - 230 Volt DC Non-Battery Charging 125 - 125 Volt DC Non-Battery Charging 128 - 28 Volt DC Non-Battery Charging 136 - 36 Volt DC Non-Battery Charging 144 - 440 Volt DC Non-Battery Charging 150 - 250 Volt DC Non-Battery Charging									

MODEL IDENTIFICATION

(Current Non-Marine Generator Sets, 10.1 kW and Up - Introduced April 1988)
(Current Marine Generator Sets, all - Introduced April 1988)

80 DGDA G 13562 A

Capacity in Kilowatts

Model Designation

Specification Letter

Designates Major Manufacturing Changes

Specification Number

Factory Code For Designating Modifications,
Options or Special Features

Voltage and Frequency Code

A - 120 Volt, 60 Hertz, 1 Phase, 2 Wire
B - 120/240 Volt, 60 Hertz, 1 Phase, 3 Wire
C - 120/208 Volt, 60 Hertz, 3 Phase, 4 Wire
D - 120/240 Volt, 60 Hertz, 3 Phase, 4 Wire
E - 240/480 Volt, 60 Hertz, 3 Phase, 4 Wire
F - 220/380 Volt, 60 Hertz, 3 Phase, 4 Wire
G - 277/480 Volt, 60 Hertz, 3 Phase, 4 Wire
H - 347/600 Volt, 60 Hertz, 3 Phase, 4 Wire
J - 120/240 Volt, 60 Hertz, 1 Phase, 4 Wire
K - 416/440, 480 Volt, 60 Hertz, 3 Phase, 4 Wire
L - Reconnectible, 60 Hertz (Broad Range)

.....
M - 110/220 Volt, 50 Hertz, 1 Phase, 4 Wire
N - 120/240 Volt, 50 Hertz, 1 Phase, 3 Wire
P - 120/240 Volt, 50 Hertz, 1 Phase, 4 Wire
S - 120/240 Volt, 50 Hertz, 3 Phase, 4 Wire
T - 220/380 Volt, 50 Hertz, 3 Phase, 4 Wire
U - 240 Volt, 50 Hertz, 1 Phase, 2 Wire
Y - 380, 400, 416 Volt, 50 Hertz, 3 Phase, 4 Wire
Z - Reconnectible, 50 Hertz (Broad Range)

.....
R - Special (Specification Number Req'd to Identify)

MODEL IDENTIFICATION
(Current Non-Marine Generator Sets, 0 through 10kW - Introduced April 1988)

6.5		NHE	F	J	13566	C
Capacity in Kilowatts			Specification Letter Designates Major Manufacturing Changes			
Model Designation			Specification Number Factory Code For Designating Modifications, Options or Special Features			
Starting and Portability Code						
A - Portable, Manual Start, Non-Remote						
D - Stationary, Manual Start, Non-Remote						
E - Stationary, Electric Start, Non-Remote						
F - Stationary, Electric Start, Remote						
Voltage and Frequency Code						
A - 120 Volt, 60 Hertz, 1 Phase, 2 Wire						
B - 120/240 Volt, 60 Hertz, 1 Phase, 3 Wire						
C - 120/208 Volt, 60 Hertz, 3 Phase, 4 Wire						
D - 120/240 Volt, 60 Hertz, 3 Phase, 4 Wire						
E - 240/480 Volt, 60 Hertz, 3 Phase, 4 Wire						
F - 220/380 Volt, 60 Hertz, 3 Phase, 4 Wire						
G - 277/480 Volt, 60 Hertz, 3 Phase, 4 Wire						
H - 347/600 Volt, 60 Hertz, 3 Phase, 4 Wire						
J - 120/240 Volt, 60 Hertz, 1 Phase, 4 Wire						
K - 416/440, 480 Volt, 60 Hertz, 3 Phase, 4 Wire						
L - Reconnectible, 60 Hertz (Broad Range)						
.....						
M - 110/220 Volt, 50 Hertz, 1 Phase, 4 Wire						
N - 120/240 Volt, 50 Hertz, 1 Phase, 3 Wire						
P - 120/240 Volt, 50 Hertz, 1 Phase, 4 Wire						
S - 120/240 Volt, 50 Hertz, 3 Phase, 4 Wire						
T - 220/380 Volt, 50 Hertz, 3 Phase, 4 Wire						
U - 240 Volt, 50 Hertz, 1 Phase, 2 Wire						
Y - 380, 400, 416 Volt, 50 Hertz, 3 Phase, 4 Wire						
Z - Reconnectible, 50 Hertz (Broad Range)						
.....						
R - Special (Specification Number Req'd to Identify)						

MODEL IDENTIFICATION
(Early Single and Two Bearing Generators Prior to April 1988)

Capacity In Kilowatts	45	UR	-	5	D	G	/	264	G	Specification Letter Designates Major Manufacturing Changes
Model Designation										Specification Number Factory Code Designating Modifications, Options or Special Features
Voltage and Frequency Code 1 - 120 Volt, 1 Phase, 2 Wire 1X - 120 Volt, 3 Phase, 3 Wire (Delta or Wye) 2 - 240 Volt, 1 Phase, 2 Wire 2X - 120/208, 240/416, 120/240, 3 Phase, 12 Wire 3 - 120/240 Volt, 1 Phase, 3 Wire 3A - 100/200 Volt, 1 Phase, 4 W (Reconnectible) 3B - 110/220 Volt, 1 Phase, 4 W (Reconnectible) 3C - 120/240 Volt, 1 Phase, 4 W (Reconnectible) 3U - 120/240 Volt, 1 Phase, 3 W (Unity Power Factor) 3X - 240/480 Volt, 1 Phase, 3 Wire 4 - 120/208 Volt, 3 Phase, 4 Wire 4X - 277/480 Volt, 3 Phase, 4 Wire 5 - 240 Volt, 3 Phase, 3 Wire 5D - 120/240 Volt, 3 Phase, 4 W (Delta Wound) 5X - 240/480, 240, 240/416, 3 Phase, 12 Wire 6 - 480 Volt, 3 Phase, 3 Wire 6D - 240/480 Volt, 3 Phase, 4 W (Delta Wound) 6X - 277/480, 139/240, 240/416 Volt, 3 Phase 12 Wire 7 - 220/380 Volt, 3 Phase, 4 Wire 7X - 240/416 Volt, 3 Phase, 4 Wire 8 - 127-220 Volt, 3 Phase, 4 Wire 8X - 120/208, 120, 120/240 Volt, 1 & 3 Ph, 6 Wire 9 - 600 Volt, 3 Phase, 3 Wire 9X - 347/600 Volt, 3 Phase, 4 Wire 14 - 120/208, 240/416 Volt, 3 Phase, 10 Wire 15 - Broad Range, 1 & 3 Phase, 12 Wire 16 - 139/240, 277/480 Volt, 3 Phase, 10 Wire 17 - Broad Range, 3 Phase, 12 Wire 18 - Broad Range, 1 & 3 Phase, 12 Wire 99 - Special Voltage 519 - 110/190, 115/200 V, 3 Ph, 4 W (50 Hertz Only) 520 - 220/380, 230/400 V, 3 Ph, 4 W (50 Hertz Only) 521 - 120/208, 127/220 V, 3 Ph, 4 W (50 Hertz Only) 522 - 240/416, 254/440 V, 3 Ph, 4 W (50 Hertz Only)										Diagonal Line Separates Unit Characteristics From The Specification Number And Letter Generator Type G - Gear Reduction Drive N - Mfd. For National Accounts S - Two Bearing
Note: For 50 hertz add a number 5 in front of the voltage code number. For 50/60 hertz add a number 2 in front of the voltage code number. 206 - 6-8 Volt DC Battery Charging 210 - 110-140 Volts Battery Charging 212 - 12-15 Volt DC Battery Charging 224 - 24-28 Volt DC Battery Charging 225 - 12/24 Dual Voltage DC Battery Charging 226 - 6/12/24 Volt DC Battery Charging 228 - 28.5 Volts DC Battery Charging 232 - 32-40 Volt DC Battery Charging 114 - 14 Volt DC Non-Battery Charging 115 - 115 Volt DC Non-Battery Charging 123 - 230 Volt DC Non-Battery Charging 125 - 125 Volt DC Non-Battery Charging 128 - 28 Volt DC Non-Battery Charging 136 - 36 Volt DC Non-Battery Charging 144 - 440 Volt DC Non-Battery Charging 150 - 250 Volt DC Non-Battery Charging										Special Designations C - Reconnectible D - Delta Wound U - Unity Power Factor

MODEL IDENTIFICATION
(Current Single and Two Bearing Generators - Introduced April 1988)

Capacity in Kilowatts Model Designation Bearing and Cranking Code A - Single Bearing, Non-Cranking B - Single Bearing, Exciter Cranking C - Two Bearing, Non-Cranking D - Two Bearing, PTO, Non-Cranking Voltage and Frequency Code A - 120 Volt, 60 Hertz, 1 Phase, 2 Wire B - 120/240 Volt, 60 Hertz, 1 Phase, 3 Wire C - 120/208 Volt, 60 Hertz, 3 Phase, 4 Wire D - 120/240 Volt, 60 Hertz, 3 Phase, 4 Wire E - 240/480 Volt, 60 Hertz, 3 Phase, 4 Wire F - 220/380 Volt, 60 Hertz, 3 Phase, 4 Wire G - 277/480 Volt, 60 Hertz, 3 Phase, 4 Wire H - 347/600 Volt, 60 Hertz, 3 Phase, 4 Wire J - 120/240 Volt, 60 Hertz, 1 Phase, 4 Wire K - 416/440, 480 Volt, 60 Hertz, 3 Phase, 4 Wire L - Reconnectible, 60 Hertz (Broad Range) M - 110/220 Volt, 50 Hertz, 1 Phase, 4 Wire N - 120/240 Volt, 50 Hertz, 1 Phase, 3 Wire P - 120/240 Volt, 50 Hertz, 1 Phase, 4 Wire S - 120/240 Volt, 50 Hertz, 3 Phase, 4 Wire T - 220/380 Volt, 50 Hertz, 3 Phase, 4 Wire U - 240 Volt, 50 Hertz, 1 Phase, 2 Wire Y - 380, 400, 416 Volt, 50 Hertz, 3 Phase, 4 Wire Z - Reconnectible, 50 Hertz (Broad Range) R - Special (Specification Number Req'd to Identify)	17.5 YD A L 15628 A	Specification Letter Designates Major Manufacturing Changes Specification Number Factory Code For Designating Modifications, Options or Special Features
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MODEL IDENTIFICATION
(OT Transfer Switch - Spec A-D)

Series Designates Transfer Switch Series	OT U C D 100 - 4 / 12 02 C	Specification Letter Designates Major Manufacturing Changes
Switch Type U - 2 & 3 Pole P - 3 Pole, 1 Phase Over-lap Swtchd Neutral N - 4 Pole, 1 Phase Over-lap Swtchd Neutral S - 2 or 3 Pole Special or CSA Approved		Meter Lamp Combination 1 through 21 (See Table Below)
Starting Circuit A - Non-Automatic (no start circuit) B - Line to Line (no start circuit) C - 2 Wire, 24 Volt D - 2 Wire, 12 Volt E - 3 Wire, 12 Volt		Control Accessory Group 10 through 15, 20 through 25 and 51 through 55 (See Table Below)
Transfer Switch Combinations D - NEMA # 1 Cabinet MHBS-MO (2) Auxiliary Cpmacts. Both Sides H - Same as "D" Except Open Construction K - Programmed Transition Added to "D", 1 Auxiliary Contact L - Programmed Transition Added to "H", 1 Auxiliary Contact M - Dust Proof Cabinet Added to "D" N - Dust Proof Cabinet Added to "K" O - Rain Proof Cabinet Added to "D" P - Rain Proof Cabinet Added to "K" R - Same as "D" Except No Auxiliary Contacts - Use with Non-automatic S - Same as "H" Except No Auxiliary Contacts - Use with Non-automatic		Diagonal Line Separates Unit Characteristics From the Specification Number and Letter
		Voltage Codes 1 - 120 Volt, 1 Phase, 2 Wire 3 - 120/240 Volt, 1 Phase, 3 Wire 4 - 120/208 Volt, 3 Phase, 4 Wire 4X - 277/480 Volt, 3 Phase, 4 Wire 5D - 120/240 Volt, 3 Phase, 4 Wire, Delta 7 - 220/330 Volt, 3 Phase, 4 Wire 9X - 347/600 Volt, 3 Phase, 4 Wire Note: For 50 hertz add a number 5 in front of the voltage code number. For 50/60 hertz add a number 2 in front of the voltage code number.
		Ampere Rating 100, 150, 225, 280, 400, 600, 800, 1000

Control Accessory Group

Control Accessory Group	10	11	12	13	14	15	20	21	22	23	24	25	51	52	53	54	55
Over Voltage Sensor (1 per phase)	W	W	W	W	W	P	W	W	W	W	X	P					
Battery Voltage Sensor	W	W	W	W	W	P	W	W	W	W	W	P					
Push to Retransfer, Man/Auto	W	W	W	X	W	X	W	W	W	X	W	X					
Battery Charging		X	X	X	X	P		X	X	X	X	P					
Time Delay, Start	P	X	X	X	X	P	P	X	X	X	X	P	W	W	W	X	X
Time Delay, Stop	P	X	X	X	X	P	P	X	X	X	X	P	W	W	W	W	X
Time Delay, Transfer	P	P	X	X	X	P	P	P	X	X	X	P	W	W	W	W	X
Time Delay, Re-Transfer	P	P	X	X	X	P	P	P	X	X	X	P	W	X	X	X	X
Exercise Clock		W	X	X	X	W		W	X	X	X	W	W	W	X	X	X
Time Delay, Preheat	W	W	W	W	W	P	W	W	W	W	W	P					

Note: 10 Through 15 Are Not CSA Approved Above 301 Volts.

Meter Lamp Combinations

Combinations	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
Charge Meter	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
Overcrank Lamp*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
AC Voltmeter					X	X	X	X	X	X	X	X									
Ammeter(s)									X	X	X	X									
Frequency Meter									X	X	X	X									
Running Time Meter									X	X	X	X	X	X	X	X					
Norm-Emerg Lamp	W	X	W	X	W	X	W	X	W	X	W	X		X		X		X	X		X
Batt Voltage Lamps			X	X			X	X			X	X			X	X					
Emerg-Remote Norm Select Switch																					X
Gen 1 Overcrank																					
Gen 2 Ovrckrk Lamps																				X	
Gen 1 Running																					
Gen 2 Running Lps																				X	
Gen 1 Overload																					
Gen 2 Overld Lps																					X

X - Included As Standard
 W - Optional Wire-in Package
 P - Plug-in Module Package

* - Activated On 3 Wire Only

MODEL IDENTIFICATION
(OT Transfer Switches Specification E and F)

Series Designates Transfer Switch Series Transfer Switch Code A - 2 Pole B - 3 Pole C - 3 Pole (Overlap Neutral) D - 2 Pole (Overlap Neutral) E - 2 Pole (Bus Bar Connect) F - 3 Pole (Bus Bar Connect) G - 3 Pole (Bus Bar Connect, Overlap Neutral) H - 2 Pole (Bus Bar Connect, Overlap Neutral) Control Code (Basic Application) A - Non-automatic B - Utility to Utility C - Utility to Generator D - Prime Power (Gen Set to Gen Set) Cabinet Code A - General Purpose (NEMA 1) B - Dust Proof And Rain Proof C - Open Construction D - Water Tight (NEMA 4) E - Open Construction Switchboard Mounted Ampere Rating 40, 70, 100, 150, 260, 400, 600, 800, 1000	OT A C A 100 - 4 U / 31 01 F	Specification Letter Designates Major Manufacturing Changes Meter Group 01 through 11 (See Table Below) Control Group 31 Through 34, 56 Through 58 And 91 through 93 (See Table Below) Diagonal Line Separates Unit Characteristics From The Specification Number And Letter Standards Code U - UL Listed C - CSA Approved N - None Voltage Code 1 - 120 Volt, Single Phase 3 - 120/240 Volt, Single Phase 4 - 120/208 Volt, 3 Phase 4X - 277/480 Volt, 3 Phase 5D - 120/240 Volt, 3 Phase 7 - 220/380 Volt, 3 Phase 7X - 240/416 Volt, 3 Phase 8 - 127/220 Volt, 3 Phase 9X - 347/600 Volt, 3 Phase
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Meter Group											
Meter Group	01	02	03	04	05	06	07	08	09	10	11
Normal And Emergency Light	X	X	X	X	X	X					
AC Voltmeter		X	X			X	X		X	X	
Ammeter (s)			X			X	X			X	X
Frequency Meter			X		X	X	X	X	X	X	
Running Time Meter			X	X	X						
Running Time Meter (Two)							X	X			

Control Group											
Control Group		Solid State Voltage Sensors				Relay Control			Non Automatic		
		31	32	33	34	56	57	58	91	92	93
Under Voltage Sensing (All Lines)	Normal	X	X	X	X						
	Emergency	X	X	X	X						
Over Voltage Sensing (All Lines)	Normal				X						
	Emergency				X	X					
Under/Over Frequency	Normal				X						
	Emergency		X	X	X						
Relay Control Instant Transfer Relay							X				
Relay Control 56 & TD Start, TD Retransfer								X			
Relay Control 57 & TD Stop, TD Transfer									X		
Manual Selector Key Switch										X	
Manual Selector Kew Switch and 120 Volt AC Input Signal For Remote Control											X
Manual Selector Key Switch and Form "C" Relay Input Signal For Remote Control											X

MODEL IDENTIFICATION
Automatic Transfer Switches (Specification G)

OT C U 1000 A 00000 G

Transfer Switch Series

OT - 3 Pole
 ON - 4 Pole

Application Code

A - Non-Automatic
 B - Utility to Utility
 C - Utility to Generator Set (2 Wire)
 D - Generator Set to Generator Set
 E - Generator Set to Generator Set (3 Wire)
 F - Remote Control (Slave)
 G - Remote Control (ERS)
 H - Utility to Generator Set - Relay Control

Standards Code

U - U.L. Listed
 C - CSA Approved
 N - No Approval Required

Ampere Rating

40, 70, 125, 150, 225, 260, 300, 400, 600, 800,
 1000

Specification Letter

Designates Major Manufacturing Changes

Specification Number

Factory Code for Designating A Combination
 Of Accessories

Voltage and Frequency Code

A - 120 Volt, 60 Htz, 1 Phase, 2 Wire
 B - 120/240 Volt, 60 Htz, 1 Phase, 3 W
 C - 120/208 Volt, 60 Htz, 3 Phase, 4 W
 D - 120/240 Volt, 60 Htz, 3 Phase, 4 W
 E - 240/480 Volt, 60 Htz, 3 Phase, 4 W
 F - 220/380 Volt, 60 Htz, 3 Phase, 4 W
 G - 277/480 Volt, 60 Htz, 3 Phase, 4 W
 H - 347/600 Volt, 60 Htz, 3 Phase, 4 W
 J - 120/240 Volt, 60 Htz, 1 Phase, 4 W
 K - 416/440, 480 V, 60 Htz, 3 Phase, 4 W

 M - 110/220 Volt, 50 Htz, 1 Phase, 4 W
 N - 120/240 Volt, 50 Htz, 1 Phase, 3 W
 P - 120/240 Volt, 50 Htz, 1 Phase, 4 W
 S - 120/240 Volt, 50 Htz, 3 Phase, 4 W
 T - 220/380 Volt, 50 Htz, 3 Phase, 4 W
 U - 240 Volt, 50 Htz, 1 Phase, 2 Wire
 Y - 380, 400, 416 V, 50 Htz, 3 Phase 4 W

 R - Special

MODEL IDENTIFICATION
(Load Transfer Switches - Spec A Through E *)

LTEU 0 60 - 3 / 412 E

Series Identification

LTA - 12 Volt, 3 Wire Start Cont (Prime Power)
 LTB - 12 Volt, 2 Wire Start
 LTC - 24 Volt, 2 Wire Start
 LTD - 12 Volt, 2 Wire Start
 LTE - 12 Volt, 3 Wire Start
 LTP - 12 Volt, 3 Wire Start (Pen State Appr)
 LTS - Two Commercial Sources of Power

Note: "U" Indicates UL Approved

Cubicle Mounting

Indicates Cubicle Mounting (No Enclosed Cabinet
 (UL Listed Only)

Ampere Rating

30, 60, 100, 200, 300, 400, 600, 800, 1000,
 1200, 1600, 2000

Specification Letter

Designates Major Manufacturing Changes

Specification Number

Factory Code For Designating Modifications, Options or Special Features

Diagonal Line

Separates Unit Characteristics From The Specification Number and Letter

Voltage and Frequency Code

3 - 120/240 Volt, 1 Phase, 3 Wire
 4 - 120/208 Volt, 3 Phase, 4 Wire
 4X - 277/480 Volt, 3 Phase, 4 Wire
 5D - 120/240 Volt, 3 Phase, 4 Wire, Delta
 6 - 480 Volt, 3 Phase, 3 Wire
 7 - 220/380 Volt, 3 Phase, 4 Wire
 8 - 127/220 Volt, 3 Phase, 4 Wire
 9 - 600 Volt, 3 Phase, 3 Wire
 9X - 347/600 Volt, 3 Phase, 3 Wire

Note: For 50 hertz add the number 5 in front of the voltage code number.
 For 50/60 hertz add the number 2 in front of the voltage code number.

* - A very limited number of this type load transfer switch manufactured in Spec F and G.

MODEL IDENTIFICATION
(Early Model LT Transfer Controls Manufactured Prior to 1966)

LT 60 - 3 / 858 F

Series Identification

LT (No Additional Letters In The Model)

Ampere Rating

10, 20, 30, 60, 100, 200, 300, 400, 600

Voltage And Frequency Code

- 1 - 120 Volt, 1 Phase, 2 Wire
- 2 - 240 Volt, 1 Phase, 2 Wire
- 3 - 120/240 Volt, 1 Phase, 3 Wire
- 4 - 120/208 Volt, 3 Phase, 4 Wire
- 4X - 277/480 Volt, 3 Phase, 4 Wire
- 5 - 240 Volt, 3 Phase, 3 Wire
- 5D - 120/240 Volt, 3 Phase, 4 Wire
- 6 - 480 Volt, 3 Phase, 3 Wire
- 7 - 220/380 Volt, 3 Phase, 4 Wire
- 7X - 240/416 Volt, 3 Phase, 4 Wire
- 9 - 600 Volt, 3 Phase, 3 Wire

Note: For 50 hertz add the number 5 in front of the voltage code. For 50/60 hertz add the number 2 in front of the voltage code.

Specification Letter

Designates Major Manufacturing Changes

Specification Number

Factory Code For Designating Modifications, Options or Special Features

Diagonal Line

Separates Unit Characteristics From The Specification Number And Letter

MODEL IDENTIFICATION
(LT Transfer Switches - Spec F)

LT A C A 100 - 4 U / 260 01 F

Series

Designates Load Transfer Switch Series

Transfer Switch Code

A - 2 Pole, Electrically Held
B - 3 Pole, Electrically Held
C - 4 Pole, Electrically Held
F - 2 Pole, Mechanically Held (Line Side)
G - 3 Pole, Mechanically Held (Line Side)
H - 4 Pole, Mechanically Held (Line Side)
K - 2 Pole, Mechanically Held (Both Sides)
L - 3 Pole, Mechanically Held (Both Sides)
M - 4 Pole, Mechanically Held (Both Sides)

Control Code (Basic Application)

A - Non-automatic
B - Utility to Utility
C - Utility to Gen Set (2 Wire Start)
D - Gen Set to Gen Set (Prime Power)
E - Utility to Gen Set (3 Wire Start)

Cabinet Code

A - General Purpose (Nema 1)
B - Dust Proof And Rain Proof
C - Open Construction
D - Water Tight (Nema 4)

Ampere Rating

30, 60

Specification Letter

Designates Major Manufacturing Changes

Meter Group

01 Through 10 (See Table Below)

Control Group

260 Through 265 and 291 Through 293
(See Table Below)

Diagonal Line

Separates Unit Characteristics From
The Specification Number And Letter

Standards Code

U - UL Listed
C - CSA Approved
N - None
P - Penn State

Voltage Code

3 - 120/240 Volt, 1 Phase, 3 Wire
4 - 120/208 Volt, 3 Phase, 4 Wire
4X - 277/480 Volt, 3 Phase, 4 Wire
5D - 120/240 Volt, 3 Phase, 4 Wire
7 - 220/380 Volt, 3 Phase, 4 Wire
7X - 240/416 Volt, 3 Phase, 4 Wire
8 - 127/220 Volt, 3 Phase, 4 Wire
9X - 347/600 Volt, 3 Phase, 4 Wire

Note: For 50 hertz add the number 5 in
front of voltage code.

Control Group

Control Group (Relays)	260	261	262	263	264	265	291	292	293
Phase Loss Relays, Generator Pickup Relay	X								
Retransfer Time Delay Relay		X							
Start Time Delay Relay			X						
Stop Time Delay Relay				X					
Transfer Time Delay Relay					X				
Adjustable Voltage Sensor Line Side						X			
Manual Selector Key Switch							X		
Manual Selector Key Switch & 120 Volt AC Input Signal For Remote Control								X	
Manual Selector Key Switch & Form "C" Re- lay Input Signal For Remote Control									X

Meter Group

Meter Group	01	02	03	04	05	06	07	08	09	10
Lights (Normal & Emergency)	X	X	X	X	X	X				
AC Voltmeter		X	X			X	X		X	X
Ammeter (s)			X			X	X		X	X
Frequency Meter			X		X	X	X	X	X	X
Running Time Meter			X	X	X					
Running Time Meters (2)							X	X		

MODEL IDENTIFICATION
(LT Transfer Switch - Spec G)

LT B E A 60 - 38 U / 261 04 G

Series

Designates Load Transfer Switch Series

Transfer Switch Code

B - 3 Pole Electrically Held
G - 3 Pole Mechanically Held (Line Side)
L - 3 Pole Mechanically Held (Both Sides)

Control Code

C - 2 Wire Start
E - 3 Wire Start

Cabinet Code

A - General Purpose (Nema 1)

Ampere Rating

30, 60, 100, 200

Voltage Code

1 - 120 Volt, 1 Phase
9X - 347/600 Volt, 3 Phase
38 - 347, 380, 416 Volt - 3 Phase
39 - 208, 240, 480 Volt - 3 Phase

Specification Letter

Designates Major Manufacturing Changes

Meter Group

02 Through 05 (See Table Below)

Control Group

260 Through 266 (See Table Below)

Diagonal Line

Separates Unit Characteristics From
The Specification Number And Letter

Standards Code

U - UL Approved
C - CSA Approved
N - None

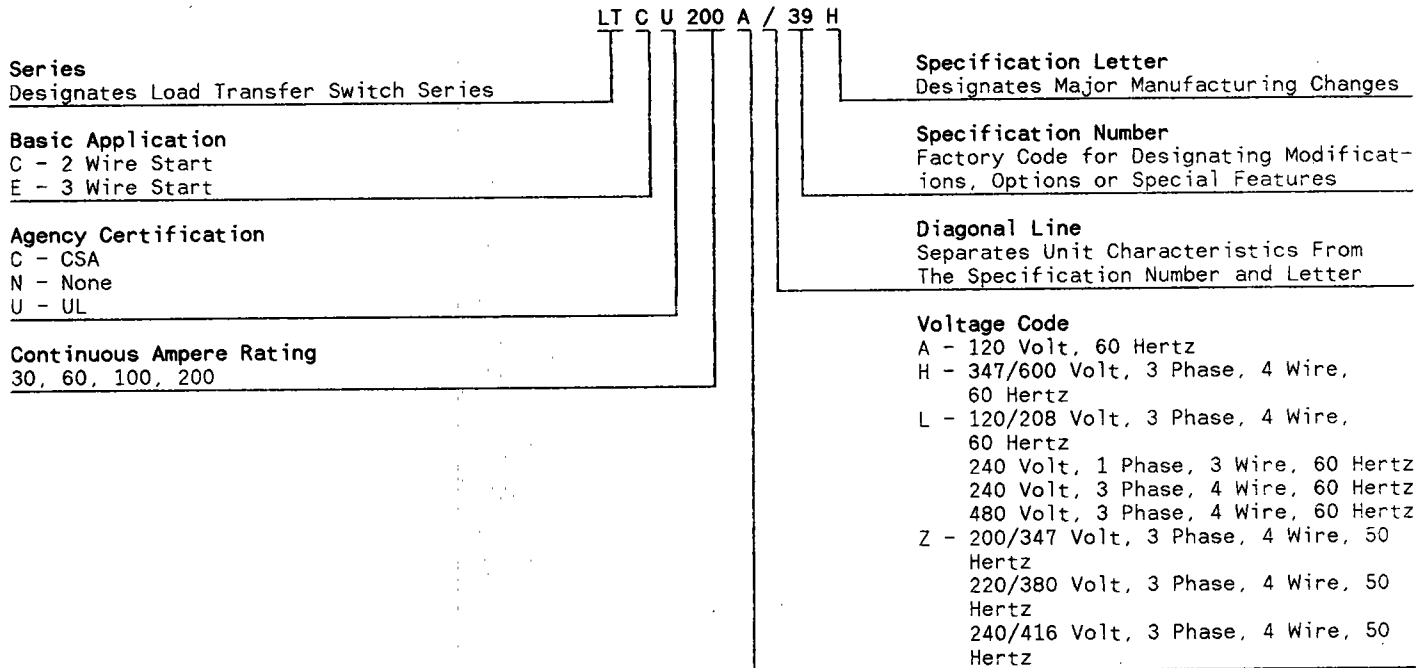
Control Group

Control Group (Relays)	260	261	262	263	264	265	266
Start (Instant)	X	X					
Start (Time Delay)			X	X	X	X	X
Retransfer (Time Delay)		X	X	X	X	X	X
Stop After Retransfer (Time Delay)				X	X	X	X
Phase Sensor	X	X	X	X	X		
Voltage Sensor (3 Phase)						X	
Voltage Sensor (1 Phase)							X
Transfer To Line (Instant)	X	X	X	X	X	X	X
Transfer	X	X	X	X			
Transfer (Time Delay)					X	X	X
Voltage Sensor	X	X	X	X	X	X	X

Meter Group

Meter Group	02	03	04	05
Lights (Normal & Emergency)	X	X	X	X
Running Time Meter	X	X	X	X
Voltmeter	X	X		
Frequency Meter		X		X
Ammeter		X		

MODEL IDENTIFICATION
(LT Transfer Switches - Spec H)



**MODEL IDENTIFICATION
(AT Transfer Switches)**

AT U C D 400 - 4X / 11 10 C

Series Identification

Transfer Switch Type

U - 3 Pole, UL Listed
S - 3 Pole, Special or CSA Approved
N - 4 Pole, 3 Phase Switched Neutral - UL
R - 4 Pole, 3 Phase Switched Neutral - Non UL Listed

Starting Circuit

C - 2 Wire, 24 Volt
D - 2 Wire, 12 Volt
E - 3 Wire, 12 Volt

Transfer Switch And Cabinet Combinations

A - Mechanically Held (Line Side)
B - Mechanically Held (Both Sides)
C - Mechanically Held (Line Side) W/Aux. Cont.
D - Mechanically Held (Both Sides) Manual Operated W/Aux. Contacts
E - Open Construction, Mechanically Held (Line Side)
F - Open Construction, Mechanically Held (Both Sides) Manual Operated
G - Open Construction, Mechanically Held (Line Side) W/Aux. Contacts
H - Open Construction, Mechanically Held (Both Sides) Manual Operated W/Aux. Contacts
J - Mechanically Held (Both Sides) Manual Operated W/Aux. Contacts, W/Distrib Circuit Breaker in Nema 101 Cabinet For Paralleling

Specification Letter

Designates Major Manufacturing Changes

Meter Lamp Combination

01 Through 18 (See Table Below)

Control Accessory Group

10 Through 15 and 51 Through 55
(See Table Below)

Diagonal Line

Separates Unit Characteristics From The Specification Number And Letter

Voltage And Frequency Code

3 - 120/240 Volt, 1 Phase, 3 Wire
4 - 120/208 Volt, 3 Phase, 4 Wire
4X - 277/480 Volt, 3 Phase, 4 Wire
5D - 120/240 Volt, 3 Phase, 4 Wire
7 - 220/380 Volt, 3 Phase, 4 Wire
9X - 347/600 Volt, 3 Phase, 4 Wire

Note: For 50 hertz add the number 5 in front of the voltage code number. For 50/60 hertz add the number 2 in front of the voltage code number.

Ampere Rating

30, 60, 100, 200, 225, 400, 800, 1200, 1750

Meter Lamp Combinations

Meter Lamp Combinations	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18
Charge Ammeter	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Over Crank Lamp (ATE Only)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
AC Voltmeter					X	X	X	X	X	X	X	X						
Ammeter (s)									X	X	X	X						
Frequency Meter									X	X	X	X						
Running Time Meter									X	X	X	X	X	X	X	X		
Normal Emergency Lamp	W	X	W	X	W	X	W	X	W	X	W	X				X		X
Battery Voltage Lamps			X	X			X	X			X	X				X	X	

Control Accessory Groups

Control Accessory Groups	10	11	12	13	14	15	51	52	53	54	55
Disconnect Plug	X	X	X	X	X	X	X	X	X	X	X
Area Protection Terminal	X	X	X	X	X	X	X	X	X	X	X
Under Voltage (Line Side)	X	X	X	X	X	X					
Normal Test Switch	X	X	X	X	X	X					
With/Without Load Switch	X	X	X	X	X	X					
Over Crank Lamp (ATUE Only)	X	X	X	X	X	X	X	X	X	X	X
Battery Charging Module	NA	X	X	X	X	P					
Time Delay, Start-Stop	P	X	X	X	X	P					
Time Delay, Transfer-Retransfer (Solid State)	P	P	NA	NA	NA	NA					
Time Delay, Retrtransfer Motor	NA	W	X	X	X	P	W	X	X	X	X
Time Delay, Transfer	NA	P	P	P	X	P	W	W	W	W	X
Manual Push to Retrtransfer	W	W	X	W	X						
Exercise Clock	NA	W	X	X	X	W	W	W	X	X	X
Over Voltage (All Lines)	W	W	W	W	X	P					
Battery Voltage Sensor	NA	W	W	W	X	P					
Time Delay, Preheat	W	W	W	W	W	P	W	W	W	W	W
Test Transfer Switch							X	X	X	X	X
Selector Switch							X	X	X	X	X
Time Delay, Start							W	W	W	W	X
Time Delay, Stop							W	W	W	W	X

NA - Not Available

X - Included As Standard

W - Wire In Package

P - Plug-In Module Package

MODEL IDENTIFICATION
(HA Automatic Demand Control)

7.5 HA 21 - 4 / 10 C

Kilowatt Rating

7.5, 12, 15

Series Designation

Voltage And Frequency Code

1 - 120 Volt, 1 Phase

2 - 240 Volt, 1 Phase

3 - 120/240 Volt, 1 Phase

Note: For 50/60 hertz add number 2 in front of the voltage code number. For 50 hertz add the number 5 in front of the voltage code number.

Specification Letter

Designates Major Manufacturing Changes

Start Time Delay Code Number

1 - No Delay

10 - 20 Second Delay

12 - 5 Second Delay

Diagonal Line

Separates Unit Characteristics From The Specification Number And Letter

Engine Cranking Voltage Code

Blank - 12 Volt

3 - 24 Volt

4 - 32 Volt

MODEL IDENTIFICATION
(Power Line Protection Equipment - C Series)

0 S U C 01 0 00 2 2 1 A

Onan Manufactured

System

Type of System

- E - Extended Reserve Cabinet
- R - Uninterrupted Power System (Used with ERC)
- U - Uninterrupted Power System
- P - Power Line Conditioner

"C" Series

KVA Rating

- 01 - 1 KVA
- 03 - 3 KVA
- 05 - 5 KVA
- 10 - 10 KVA

Hertz

- 0 - 60 Hertz
- 5 - 50 Hertz

Back-up Time

- 00 - 0 Minutes
- 05 - 5 Minutes
- 07 - 7 Minutes
- 12 - 12 Minutes
- 15 - 15 Minutes

Input Volts

- 1 - 120 VAC
- 2 - 208 VAC
- 3 - 240 VAC
- 4 - 120/208/240 Selectable VAC
- 5 - 120 VDC (ERC Connected to and Supported by UPS)
- 6 - 120/208 VAC

Output Volts

- 1 - 120 VAC
- 2 - 208 VAC
- 3 - 240 VAC
- 5 - 120 VDC (ERC only)
- 6 - 120/208 VAC

Phase

- 0 - DC
- 1 - 1 Phase
- 3 - 3 Phase

Distribution Panel Options

Uninterruptible Power Systems

- A - Terminal Block Protected by a 45 Ampere Circuit Breaker
- B - Three Duplex Outlets (5-15R) Each Protected by a 15 Ampere Circuit Breaker and a 30 Ampere Circuit Breaker
- C - One Duplex Outlet (5-15R) And One L5-30R Outlet Protected by a 15 Amp Circuit Breaker and a 30 Amp Circuit Breaker
- D - Terminal Block Protected by a 2 Pole 50 Amp Circuit Breaker
- E - Two L6-30R Outlets Each Protected By a 2 SPole 50 Amp Circuit Brkr
- G - Terminal Block Protected by a 30 Amp Circuit Breaker
- H - Four Duplex Outlets (5-15R) Each Protected by a 15 Amp Circuit Brkr
- I - Two Duplex Outlets (5-15R) and Two L5-30R Outlets Protected by Two 15 Amp and Two 30 Amp Circuit Breakers
- K - Terminal Block Protected by a 100 Amp Circuit Breaker
- M - Three L6-30R Outlets Each Protected by a 2 Pole 30 Amp Circuit Breaker
- N - Terminal Block Protected by a 2 Pole 30 Amp Circuit Breaker
- Q - Three L6-20R Outlets Each Protected by a 2 Pole 20 Amp Circuit Breaker
- P - Four Duplex (5-20R) Outlets Each Protected by a 20 Amp Circuit Brkr

Power Line Conditioner

- A - Terminal Block
- B - Three Duplex (5-15R) Outlets Each Protected by a 15 Amp Circuit Brkr
- C - One Duplex (5-15R) Outlet and One L5-30R Outlet Protected by a 15 Amp And a 30 Amp Circuit Breaker
- D - Terminal Block
- E - Six Duplex (5-15R) Outlets Each Protected by a 15 Amp Circuit Brkr
- F - Two Duplex (5-15R) Outlets and Two L5-30R Outlets Protected by Two 15 Amp and Two 30 Amp Circuit Breakers
- G - Terminal Block
- H - Two Duplex (5-15R) Outlets Each Protected by a 15 Amp Circuit Brkr
- J - One L5-30R Twist Lock Protected by a 30 Ampere Circuit Breaker

MODEL IDENTIFICATION
(Power Line Protection Equipment)

Micro Power Protection Equipment

SP F 1000 01

System

PCS - Power Control System
PLC - Power Line Conditioner
SP - Standby Power System

Volts & Frequency

01 - 120 Volts AC, 60 Hertz
15 - 220 Volts AC, 50 Hertz
16 - 240 Volts AC, 50 Hertz

Wave

R - Rectangular Wave
S - Sine Wave
F - Sine Wave With Failsafe

kVA Rating

125 - 0.125 kVA
250 - 0.250 kVA
350 - 0.350 kVA
500 - 0.500 kVA
550 - 0.550 kVA
1000 - 1.000 kVA
1200 - 1.200 kVA
1500 - 1.500 kVA

Uninterruptible Power Systems (B Series)

0 U - 102 1 B - 01

Onan

Uninterruptible Power System

kVA Rating

102 - 1.0 kVA
103 - 10.0 kVA
153 - 15.0 kVA
253 - 25.0 kVA
302 - 3.0 kVA
373 - 37.5 kVA
502 - 5.0 kVA
503 - 50.0 kVA

Note: The kVA rating followed by the number 5 indicates 50 hertz.

Features (102 and 302)

01 - No Meters, Relay Bypass
04 - Analog Meters, Static Bypass
Input and Output Voltages (103, 153, 253, 373, and 503)
12 - 277/480 Volt Input and Output
13 - 277/480 Volt Input, 120/208 Volt Output

Series

Phase

1 - Single Phase
3 - Three Phase

Note: Under kVA rating the following numbers indicate as listed.

1030 - 1 kVA with 30 minute battery
1080 - 1 kVA with 80 minute battery
3010 - 3 kVA with 10 minute battery
3030 - 3 kVA with 30 minute battery