

CTO Configuration Guide



Eaton[®] 9170+ UPS



Powering Business Worldwide

9170PCG
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PW9170+ CTO Configuration Guide

Configuring Your PW9170+ UPS

PW9170+ chassis's must be ordered using a Configure To Order (CTO) Number that reflects the cabinet style, isolation requirements, input/output configurations, and branding options for standard and OEM applications. As you select the options needed, they will become part of the CTO number.

Sample CTO Number: 0660C060AAAAAAAI.

Power modules, battery packs, external battery cabinets, bypass switches and other external options will need to be ordered as separate line items.

Base Unit		
Base Model – (digits 1-4)	CTO Order	Base Price
PW9170+	0660	\$0

Cabinet Style		
Cabinet size – (digits 5-7)	CTO Order	Base Price
3-slot cabinet	C03	\$2049
6-slot cabinet	C06	\$2355
9-slot cabinet	C09	\$2620
12-slot cabinet	C12	\$2916

9-Slot & 12-Slot Rack-mount Option ¹		
Digit 8	CTO Order	Base Price
3-Slot, 6-Slot, 9-Slot & 12-Slot Tower	0	\$0
3-Slot & 6-Slot Rack Mount ¹	0	\$0
9-Slot Rack Mount	2	\$235
12-Slot Rack Mount	2	\$245

¹ To Rack-mount a 3-slot or 6-slot Tower chassis, order external rack-mount kit ASY-0547

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Input Line Cords			
Power Module Selection	Line Cord Selection: Digit 9	CTO Order Code	Option Price
Any	None - Hardwired	A	\$0
Split Phase Module	L14-20P ¹	F	\$109
Split Phase Module	L14-30P ²	G	\$129
Split Phase Module	14-50P ³	H	\$149

¹ Limits chassis to maximum current of 16A and two power modules for 3kVA redundant.

² Limits chassis to maximum current of 24A and three power modules for 5kVA redundant.

³ Limits chassis to maximum current of 40A and four power modules for 8kVA redundant.

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Output Connections

Output connection configuration is designated by 6 digits within the unit CTO number. These six digits allow selection of the type and quantity for up to a maximum of three different types of receptacles.

- Three slot chassis maximum 4 bays
- Six & nine slot chassis maximum 8 bays
- Twelve slot chassis maximum 12 bays
- If multiple quantities of one type of receptacle are desired, enter the type once with the total quantity (ex: CE not BEBE).
- Always enter the receptacle types alphabetically (ex: BEBG not BGBE).
- If hardwire output is desired, select type "A", quantity "A", for all three receptacle types (ex: AAAAAA).
- If fewer than three types of receptacle are selected, complete the remaining receptacle digits with AA (ex: BECGAA).

Output Connection: Digits 10-15	Power Module Type	Number of Bays	CTO Order Code		Option Price per Panel
			Qty ¹	Type	
None	All	None	A	A	\$0
5-20 duplex	Split Phase	1	___	E	\$49
6-20 duplex	All	1	___	G	\$69
L5-20 twist lock	Split Phase	1	___	K	\$49
L5-30 twist lock	Split Phase	1	___	L	\$59
L6-15 twist lock duplex	All	1	___	M	\$79
L6-20 twist lock	All	1	___	N	\$69
L6-30 twist lock	All	1	___	O	\$69
L14-30 twist lock	Split Phase	1	___	R	\$69
3 x 5-15 duplex	Split Phase	2	___	W	\$69
3 x 5-20 duplex	Split Phase	2	___	X	\$69
Complete Output Connection CTO Order Code					__ _ _ _ _

¹A=0 B=1 C=2 D=3 E=4 F=5 G=6 H=7 I=8 J=9 K=10 L=11 M=12

Chassis Color

Chassis Color: Digit 16	CTO Order Code	Option Price
Eaton standard Black	I	\$ 0

Non CTO Options

Power modules, battery packs, external battery cabinets, bypass switches and other external options are not a part of the CTO number and will need to be ordered as separate line items.

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Power Modules			
Type	Description	Order Number	List Price
Split Phase	3kVA / 2.5kW (100/200, 120/208, 127/220, 110/220, 120/240 V In & Out)	ASY-0673	\$1902
Universal	3kVA / 2.1kW (208 – 240 V In & Out)	ASY-0674	\$1824

Batteries & Battery Accessories		
Option	Order Number	List Price
Battery Module (two required per string)	ASY-0529	\$338
20 Amp Optional Charger Module ¹	ASY-0675	\$2670
6-slot external battery enclosure - black ²	ASY-0612	\$1245
9-slot external battery enclosure - black ²	ASY-0737	\$1750
12-slot external battery enclosure - black ²	ASY-0738	\$2472
12-slot external battery enclosure - black (w/AC input for optional charger) ²	ASY-0739	\$2833
12-slot rack external battery enclosure ² - black	103004136	\$2368
12-slot rack external battery enclosure (w/AC input for optional charger) ² - black	103004137	\$2986
External Battery Connector	ASY-0525	\$245

¹ Same form factor as power module and consumes 3kVA power

² External battery connector, ASY-0525 required for each cabinet

External Maintenance Bypass Switches			
Chassis Description	Switch Type	Order Number	List Price
3 & 6-Slot	MBB (Make Before Break)	BPE14MBB1A	\$1260
9 & 12-Slot	MBB (Make Before Break)	BPE20MBB1A	\$1628
	BBM (Break Before Make)	BPE20BBM1A	\$1418

Other External Options		
Option	Order Number	List Price
Rack-mount Kit (3 & 6-slot enclosures only)	ASY-0547	\$165
Caster kit (3 & 6-slot enclosures only)	ASY-0527	\$200
Floor anchoring kit	ASY-0548	\$55

Communication Options		
Option	Order Number	List Price
SNMP/WEB Internal Ethernet SNMP/HTTP Adapter	116750222-001	\$335
Relay Card	1014018	\$146

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AS/400 Standard Cable Kit: DB15-DB9, 25 ft long	103004349-5501	\$62
AS/400 Extended Cable Kit: DB15-DB9, 75 ft long	103004347-5501	\$104
Expansion Chassis (with Modbus Card & two X-slots)	05147063	\$1658
Environmental Monitor ¹	116750224-001	\$220

¹ Environmental Monitor option requires SNMP/WEB Internal Ethernet
SNMP/HTTP Adapter option.

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The Chassis CTO Worksheet										
	UPS CTO Order Code					Extended List Price	Discount	Net Price		
PW9170+ Base	0660									
Number of slots										
Rack-mount (9 & 12-slot Only)										
Input Line Cords										
Output Connections										
Chassis Color										
Complete UPS CTO Number	0660	C								
Chassis Subtotal										
Other Components		Part #	Qty							
Power Modules		ASY-0673 or ASY-0674								
Battery Modules (2 per string required)		ASY-0529								
20 Amp Charger Module		ASY-0675								
External DC Battery Connection		ASY-0525								
External Battery Cabinet										
Battery Cabinet Selected:										
External Maintenance Bypass Switch										
External Maintenance Bypass Switch Selected:										
Other Options										
Rack Mount Kit (3 & 6-slot chassis only)				ASY-0528						
Caster Kit (3 & 6-slot chassis only)				ASY-0527						
Floor Anchoring Kit				ASY-0548						
Sub Total										
								Freight		
								Insurance		
								Tax/Duty		
								Quote Total		
Special Instructions:										

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