

## Power & Telephone Supply 810 Invoice v4010

### Header

Usage	Pos. No	Seg. ID	Name	Max. Use
Mandatory	10	BIG	Beginning Segment for Invoice	1
<b>LOOP ID – N1</b>				
Mandatory	70	N1	Name	>1
Optional	80	N2	Additional Name information	>1
Mandatory	90	N3	Address Information	>1
Mandatory	100	N4	Geographic Location	1
Optional	140	ITD	Terms of Sale/Deferred Terms of Sale	>1

### Detail

Usage	Pos. No	Seg. ID	Name	Max. Use
<b>LOOP ID – IT1</b>				
Mandatory	340	IT1	Baseline Item Data (Invoice)	>1
<b>LOOP ID – PID</b>				
Optional	430	PID	Product/Item Description	>1

### Summary

Usage	Pos. No	Seg. ID	Name	Max. Use
Mandatory	800	TDS	Total Monetary Value Summary	1
Optional	810	TXI	Tax Information	>1
<b>LOOP ID – CAD</b>				
Required	820	CAD	Carrier Detail	1
<b>LOOP ID – SAC</b>				
Optional	840	SAC	Service, Promotion, Allowance, or Charge Information	>1
<b>LOOP ID – ISS</b>				
Required	860	ISS	Invoice Shipment Summary	1
Mandatory	880	CTT	Transaction Totals	1

<b>SEGMENT LOOP Usage</b>	BIG – Beginning Segment for Invoice 810.BIG Mandatory		
<b>Data Element Summary</b>			
<b>Usage</b>	<b>Ref. Des.</b>	<b>Name</b>	<b>Attributes</b>
Mandatory	BIG01	373 – Date	DT 8/8
Mandatory	BIG02	76 – Invoice Number	AN 1/22
Mandatory	BIG03	373 – Date	DT 8/8
Mandatory	BIG04	324 – Purchase Order Number	AN 1/22

<b>SEGMENT LOOP Usage</b>	N1 – Name 810.N1 Mandatory		
<b>Data Element Summary</b>			
<b>Usage</b>	<b>Ref. Des.</b>	<b>Name</b>	<b>Attributes</b>
Mandatory	N101	98 – Entity Identifier Code SE Selling Party ST Ship To ( <b>required</b> by Power & Telephone Supply) RE Party to receive commercial Invoice Remittance PE Payee	ID 2/3
Mandatory	N102	93 - Name	AN 1/60
Mandatory	N103	66 – Identification Code Qualifier 1 D-U-N-S Number, Dun & Bradstreet	ID 1 / 2
Mandatory	N104	67 – Identification Code	AN 2/80

<b>SEGMENT LOOP Usage</b>	N2 – Additional Name Information 810.N1.N2 Optional		
<b>Data Element Summary</b>			
<b>Usage</b>	<b>Ref. Des.</b>	<b>Name</b>	<b>Attributes</b>
Mandatory	N201	93 – Name	AN 1/60

<b>SEGMENT LOOP Usage</b>	N3 – Address Information 810.N1.N3 Mandatory		
<b>Data Element Summary</b>			
<b>Usage</b>	<b>Ref. Des.</b>	<b>Name</b>	<b>Attributes</b>
Mandatory	N301	166 – Address Information	AN 1/55

<b>SEGMENT</b>	N4 – Geographic Location		
<b>LOOP</b>	810.N1.N4		
<b>Usage</b>	Mandatory		
Data Element Summary			
<b>Usage</b>	<b>Ref. Des.</b>	<b>Name</b>	<b>Attributes</b>
Mandatory	N401	19 – City Name	AN 2/30
Optional	N402	156 – State or Province Code	ID 2 /2
Mandatory	N403	116 – Postal Code	ID 3/15
Optional	N404	26 – Country Code	ID 2/3

<b>SEGMENT</b>	ITD – Terms of Sale/Deferred Terms of Sale		
<b>LOOP</b>	810.ITD		
<b>Usage</b>	Optional		
Data Element Summary			
<b>Usage</b>	<b>Ref. Des.</b>	<b>Name</b>	<b>Attributes</b>
Optional	ITD01	336 – Terms Type Code 01 Basic	ID 2/2
Optional	ITD02	333 – Terms Basis Date Code 3 Invoice Date	ID 1/2
Optional	ITD03	338 – Terms Discount Percent	R 1/6
Optional	ITD04	370 – Terms Discount Due Date	DT 8/8
Optional	ITD05	351 – Terms Discount Days Due	N0 1/3
Optional	ITD06	446 – Terms Net Due Date	DT 8/8
Optional	ITD07	386- Terms Net Days	N0 1/3

<b>SEGMENT</b>	IT1 – Baseline Item Data (Invoice)		
<b>LOOP</b>	810.IT1		
<b>Usage</b>	Mandatory		
Data Element Summary			
<b>Usage</b>	<b>Ref. Des.</b>	<b>Name</b>	<b>Attributes</b>
Mandatory	IT101	350 – Assigned Identification	AN 1/20
Mandatory	IT102	358 – Quantity Invoiced	R 1/10
Mandatory	IT103	355 – Unit or Basis for Measurement Code	ID 2/2
Mandatory	IT104	212 – Unit Price	R 1/17
Mandatory	IT105	639 – Basis of Unit Price Code	ID 2/2
Mandatory	IT106	235 – Product/Service ID Qualifier IN Buyer's Item Number BP Buyer's Part Number PN Company Part Number	ID 2/2
Mandatory	IT107	234 – Product/Service ID	AN 1/48
Optional	IT108	235 – Product/Service ID Qualifier VN Vendor's(Seller's) Item Number VP Vendor's(Seller's) Part Number	ID 2/2

<b>SEGMENT LOOP Usage</b>	PID – Product/Item Description 810.IT1.PID Optional		
<b>Data Element Summary</b>			
<b>Usage</b>	<b>Ref. Des.</b>	<b>Name</b>	<b>Attributes</b>
Mandatory	PID01	349 – Item Description Type F Free-form	ID 1/1
Optional	PID05	352 – Description	AN 1/80

<b>SEGMENT LOOP Usage</b>	TDS – Total Monetary Value Summary 810.TDS Mandatory		
<b>Data Element Summary</b>			
<b>Usage</b>	<b>Ref. Des.</b>	<b>Name</b>	<b>Attributes</b>
Mandatory	TDS01	610 – Amount	N2 1/15

<b>SEGMENT LOOP Usage</b>	TXI – Tax Information 810.TXI Optional		
<b>Data Element Summary</b>			
<b>Usage</b>	<b>Ref. Des.</b>	<b>Name</b>	<b>Attributes</b>
Mandatory	TXI01	963 – Tax Type Code ST State Sales Tax LS State and Local Sales Tax LT Local Sales Tax(All Applicable Sales Taxes by Taxing Authority Below the State) FD Federal Tax CS City Sales Tax	ID 2/2
Optional	TXI02	782 – Monetary Amount	R 1/18
Optional	TXI03	954 – Percent	R 1/10

<b>SEGMENT LOOP Usage</b>	CAD – Carrier Detail 810.CAD Required (Preferred by Power & Telephone)		
<b>Data Element Summary</b>			
<b>Usage</b>	<b>Ref. Des.</b>	<b>Name</b>	<b>Attributes</b>
Required	CAD04	140 – Standard Carrier Alpha Code	ID 2/4
Required	CAD05	387 – Routing	AN 1/35
Conditional	CAD07	128 – Reference Identification Qualifier CN Carrier's Reference Number(PRO/Invoice)	ID 2/3
Conditional	CAD08	127 – Reference Identification	AN 1/30

<b>SEGMENT LOOP Usage</b>	SAC – Service, Promotion, Allowance, or Charge Information 810.SAC Mandatory		
<b>Data Element Summary</b>			
<b>Usage</b>	<b>Ref. Des.</b>	<b>Name</b>	<b>Attributes</b>
Mandatory	SAC01	248 – Allowance or Charge Indicator C Charge	ID 1/1
Required	SAC02	1300 – Service, Promotion, Allowance, or Charge Code H750 Tax- Sales Tax (State and Local) D750 Inbound Freight Charges	ID 4/4
Required	SAC05	610 – Amount	N2 1/15
Required	SAC15	352 – Description	AN 1/80

<b>SEGMENT LOOP Usage</b>	ISS – Invoice Shipment Summary 810.ISS Required (Preferred by Power & Telephone)		
<b>Data Element Summary</b>			
<b>Usage</b>	<b>Ref. Des.</b>	<b>Name</b>	<b>Attributes</b>
Conditional	ISS01	382 - Number of units shipped	R 1/10
Conditional	ISS02	355 – Unit or Basis for Measurement Code	ID 2/2
Conditional	ISS03	81 – Weight	R 1/10
Conditional	ISS04	355 – Unit or Basis for Measurement Code	ID 2/2

<b>SEGMENT LOOP Usage</b>	CTT – Transaction totals 810.CTT Mandatory		
<b>Data Element Summary</b>			
<b>Usage</b>	<b>Ref. Des.</b>	<b>Name</b>	<b>Attributes</b>
Mandatory	CTT01	354 – Number of Line Items	N0 1/6
Optional	CTT02	347 – Hash Total	R 1/10

**Sample 810 file:**

BIG\*20060207\*9314942\*20060130\*458836\*\*\*DR  
N1\*SE\*test  
N3\*test  
N4\*EVERETT\*WA\*98203  
N1\*RE\*POWER & TELEPHONE SUPPLY CO INC  
N3\*2673 YALE AVE  
N4\*MEMPHIS\*TN\*38112\*US

N1\*ST\*POWER & TELEPHONE SUPPLY CO INC\*92\*  
N3\*2673 YALE AVE  
N4\*MEMPHIS\*TN\*38112\*US  
N1\*PE\*test  
N3\*test  
N4\*test\*CA\*94160\*US  
ITD\*05\*3\*\*\*\*\*30  
IT1\*1\*2\*EA\*28.35\*\*BP\*P4480009\*VP\*2360898  
PID\*F\*\*\*\*P4480009,TS44 REPL CD,W/ABN PRC PIN  
IT1\*3\*1\*EA\*133.65\*\*BP\*26500090\*VP\*2327758  
PID\*F\*\*\*\*26500090,TS90,CABLE FAULT FINDER  
IT1\*4\*20\*EA\*41.71\*\*BP\*10055501\*VP\*2323633  
PID\*F\*\*\*\*10055501,D814 IMPACT TOOL WITH EVERSHARP 110, EVERSHARP  
66 BLADE & FREE BLADE  
TDS\*103595  
CAD\*\*\*\*\*XXXX\*MIDWEST\*\*CN\*USNC284502  
SAC\*C\*D240\*\*\*1140\*\*\*\*\*FREIGHT  
ISS\*23\*EA\*55\*PG  
CTT\*3\*23