



880 Grocery Products Invoice

UCS/V5010UCS/880 : 880 Grocery Products Invoice

Version: 1.0 Draft

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Notes:	Kroger Modernized - Grocery Products Invoice

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880 Grocery Products Invoice

Functional Group=**GP**

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
0200	G01	Invoice Identification	M	1		
0800	G23	Terms of Sale	O	20		N1/0800
LOOP ID - 0100					10	N1/1000L
1000	N1	Party Identification	M	1		N1/1000
LOOP ID - 0100					10	N1/1000L
1000	N1	Party Identification	M	1		N1/1000
LOOP ID - 0200					100	
1400	G72	Allowance or Charge	O	1		

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - 0300					9999	N2/0100L
0100	G17	Item Detail - Invoice	M	1		N2/0100
LOOP ID - 0310					100	
0700	G72	Allowance or Charge	O	1		

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
0100	G31	Total Invoice Quantity	M	1		
0200	G33	Total Dollars Summary	M	1		

G01 Invoice Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

Purpose: To transmit identifying dates and numbers for this transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G0101	373	Date	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Note:

Invoice issue date can NOT be in the future

G0102	76	Invoice Number	M	AN	1/22	Must use
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Description: Identifying number assigned by issuer

G0103	373	Date	O	DT	8/8	Used
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Note:

Purchase order issue date

G0104	324	Purchase Order Number	M	AN	1/22	Used
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Description: Identifying number for Purchase Order assigned by the orderer/purchaser

Note:

For VMI Invoices: the purchase order number must be the Kroger assigned purchase order number

G23 Terms of Sale

Pos: 0800	Max: 20
Heading - Optional	
Loop: N/A	Elements: 7

Purpose: To specify the terms of sale

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G2301	336	Terms Type Code	M	ID	2/2	Must use
		Description: Code identifying type of payment terms				
G2302	333	Terms Basis Date Code	M	ID	1/2	Must use
		Description: Code identifying the beginning of the terms period				
G2305	338	Terms Discount Percent	O	R3	1/6	Used
		Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date				
G2307	351	Terms Discount Days Due	O	N0	1/3	Used
		Description: Number of days in the terms discount period by which payment is due if terms discount is earned				
G2308	446	Terms Net Due Date (CCYYMMDD)	X	DT	8/8	Used
		Description: Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year				
G2309	386	Terms Net Days	X	N0	1/3	Used
		Description: Number of days until total invoice amount is due (discount not applicable)				
G2310	362	Terms Discount Amount	O	N2	1/10	Used
		Description: Total amount of terms discount				

Note:

Terms begin once product and invoice are received.

N1 Party Identification

Pos: 1000	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

Purpose: To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
Code Name						
VN Vendor						
N102	93	Name	X	AN	1/60	Must use
Description: Free-form name						
N103	66	Identification Code Qualifier	X	ID	1/2	Must use
Description: Code designating the system/method of code structure used for Identification Code (67)						
Code Name						
92 Assigned by Buyer or Buyer's Agent						
N104	67	Identification Code	X	AN	2/80	Must use
Description: Code identifying a party or other code						
Note:						
<i>Supplier Site ID - Kroger assigned numeric identifier that specifies a supplier's ship from location(s) and is associated to an order address in Kroger's Supplier Hub. This should be the Supplier Site ID (VN) from the purchase order.</i>						

N1 Party Identification

Pos: 1000	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

Purpose: To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code Name				
		ST		Ship To		
N102	93	Name	X	AN	1/60	Used
		Description: Free-form name				
N103	66	Identification Code Qualifier	X	ID	1/2	Must use
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		Code Name				
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
N104	67	Identification Code	X	AN	2/80	Must use
		Description: Code identifying a party or other code				

Note:

The ST (ship to) will provide the Kroger location DUNS+4 number. Please refer to https://edi.kroger.com/EDIPortal/EDIGuideAndReq_OcadoGroup.html under Location DUNS for a list of all the Kroger ship to locations and DUNS+4 suffix. This should be the Ship To DUNS+4 from the purchase order being invoiced.

G72 Allowance or Charge

Pos: 1400	Max: 1
Heading - Optional	
Loop: 0200	Elements: 3

Purpose: To specify allowances, charges, or services

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G7201	340	Allowance or Charge Code	M	ID	1/3	Must use

Description: Code identifying the type of allowance or charge

Note: Please refer to https://edi.kroger.com/EDIPortal/EDIGuideAndReq_OcadoGroup.html for a list of valid allowance/charge codes at the invoice and item level.

G7202	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use
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Description: Code indicating method of handling for an allowance or charge

G7208	360	Allowance or Charge Total Amount	X	N2	1/15	Used
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Description: Total dollar amount for the allowance or charge

Note:

2 decimals are implied on the amount

Allowance amounts must be negative; positive amounts will be treated as charges

Note:

This G72 segment is for Invoice level allowance/charge.

More than 1 G72 segment with the same allowance/charge code under an invoice will cause your invoice to fail. You should combine the values into a single total and send with only 1 G72 segment for that allowance/charge code.

G17 Item Detail - Invoice

Pos: 0100 Max: 1
 Detail - Mandatory
 Loop: 0300 Elements: 7

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G1701	358	Quantity Invoiced	M	R3	1/15	Must use
Description: Number of units invoiced (supplier units)						
G1702	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
G1703	237	Item List Cost	X	R4	1/9	Used
Description: Gross unit cost within the appropriate price bracket for a line item						
G1705	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Note:						
<i>You must send at least 1 of the item formats from the PO</i>						
Code Name						
PI Purchaser's Item Code						
UK GTIN 14-digit Data Structure						
UP UCC - 12						
G1706	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
G1707	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Note:						
<i>Only send 1 reference item format (UK/UP)</i>						
Code Name						
PI Purchaser's Item Code						
UK GTIN 14-digit Data Structure						
UP UCC - 12						
G1708	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						

G72 Allowance or Charge

Pos: 0700	Max: 1
Detail - Optional	
Loop: 0310	Elements: 3

Purpose: To specify allowances, charges, or services

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7201	340	Allowance or Charge Code	M	ID	1/3	Must use

Description: Code identifying the type of allowance or charge

Note: Please refer to https://edi.kroger.com/EDIPortal/EDIGuideAndReq_OcadoGroup.html for a list of valid allowance/charge codes at the invoice and item level.

G7202	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use
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Description: Code indicating method of handling for an allowance or charge

G7205	359	Allowance or Charge Rate	X	R4	1/15	Used
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Description: Allowance or Charge Rate per Unit

Note:

You must provide the decimal on the rate.

Allowance amounts must be negative; positive amounts will be treated as charges.

Allowance or Charge Rate must be per UOM of the item they are applied to;

if the item has UOM = CA, then the rate must be the per CASE rate; if the item has UOM = EA, then the rate must be per EACH rate.

Note:

This G72 segment is for Item level allowance/charge

More than 1 G72 segment with the same allowance/charge code under an item will cause your invoice to fail. You should combine the values into a single total and send with only 1 G72 segment for that allowance/charge code.

G31 Total Invoice Quantity

Pos: 0100 Max: 1
 Summary - Mandatory
 Loop: N/A Elements: 2

Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume, and to specify payment method

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G3101	382	Number of Units Shipped	M	R4	1/10	Must use

Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set

G3102	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code Name

UN Unit

G33 Total Dollars Summary

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 1

Purpose: To specify the total invoice amount, including charges less allowances, before terms discount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G3301	610	Amount	M	N2	1/15	Must use

Description: Monetary amount

Note:

The total invoice amount (item quantities times item cost; adjusted with any item allowance/charge; totaled for all items; adjusted with any invoice allowance/charge)

Data Sample:

880 INVOICE Data EXAMPLES

Minimum 880 Invoice

```
ST*880*0001~
G01*20220711*209344*20220701*900000090183~
N1*VN*VENDOR NAME*92*123456~
N1*ST*KROGER SHIP TO NAME*9*1178579681001~
G17*2*CA*9.6**UK*10120009998646~
G17*2*CA*9.72**UK*10120009990224~
G31*4*UN~
G33*3864~
SE*9*0001~
```

There are 3 item and UOM format options - Item format must match the item format from the PO

Case items with Case quantity, UOM and price

```
ST*880*0001~
G01*20220711*209344*20220701*900000090183~
N1*VN*VENDOR NAME*92*123456~
N1*ST*KROGER SHIP TO NAME*9*1178579681001~
G17*2*CA*9.6**UK*10120009998646~
G69*ITEM1 Description~
G17*2*CA*9.72**UK*10120009990224~
G69*ITEM2 Description~
G31*4*UN~
G33*3864~
SE*11*0001~
```

Consumer items with Each quantity, UOM and price

ST*880*0001~
 G01*20220711*209344*20220701*900000090183~
 N1*VN*VENDOR NAME*92*123456~
 N1*ST*KROGER SHIP TO NAME*9*1178579681001~
 G17*24*EA*.8**UP*012000999864~
 G69*ITEM1 Description~
 G17*24*EA*.81**UP*012000999022~
 G69*ITEM2 Description~
 G31*48*UN~
 G33*3864~
 SE*11*0001~

Consumer items with Case quantity, UOM and price

ST*880*0001~
 G01*20220711*209344*20220701*900000090183~
 N1*VN*VENDOR NAME*92*123456~
 N1*ST*KROGER SHIP TO NAME*9*1178579681001~
 G17*2*CA*9.6**UP*012000999864~
 G69*ITEM1 Description~
 G17*2*CA*9.72**UP*012000999022~
 G69*ITEM2 Description~
 G31*4*UN~
 G33*3864~
 SE*11*0001~

Invoice with Item Level and Invoice Level Allowance

ST*880*0001~
 G01*20220711*209344*20220701*900000090183~
 N1*VN*VENDOR NAME*92*123456~
 N1*ST*KROGER SHIP TO NAME*9*1178579681001~
 G72*58*02*****-320~
 G73*Unsaleable allowance of \$3.20;INVOICE LEVEL~
 G17*2*CA*9.6**UK*10120009998646~
 G69*ITEM1 Description~
 G17*2*CA*9.72**UK*10120009990224~
 G69*ITEM2 Description~
 G72*97*02***-.10~
 G73*10 cents off per case; ITEM LEVEL~
 G31*4*UN~
 G33*3524~
 SE*15*0001~

Invoice with Item Level and Invoice Level Charge

ST*880*0001~
G01*20220711*209344*20220701*900000090183~
N1*VN*VENDOR NAME*92*123456~
N1*ST*KROGER SHIP TO NAME*9*1178579681001~
G72*504*06*****500~
G73*Freight charge of \$5.00;INVOICE LEVEL~
G17*2*CA*9.6**UK*10120009998646~
G69*ITEM1 Description~
G17*2*CA*9.72**UK*10120009990224~
G69*ITEM2 Description - 12 Bottles~
G72*525*06***1.20~
G73*10 cents/bottle dep;\$1.20 per case;ITEM LEVEL~
G31*4*UN~
G33*4604~
SE*15*0001~