



HF
3221

.I4

no.
83008-F

Government
of Canada

Gouvernement
du Canada

Regional Industrial
Expansion

Expansion industrielle
régionale

Import Analysis

Analyse des importations

Pub. No. 00883 - F

I.D. 12500

December 20, 1983

ANALYSIS OF

AUTOMOTIVE AND LIGHT INDUSTRIAL BATTERY CHARGERS

SEPTEMBER 1981 TO AUGUST 1982

Further information available from Market Development Branch,
Import Analysis, Regional Industrial Expansion, Ottawa Canada,
K1A 0H5 Tel: (613) 995-8216

Canada

While not guaranteed, all figures are accepted as the most accurate and comprehensive information available and obtainable from the documents examined. Not responsible for errors, omissions or changes without responsibility on the part of the Crown and employees or officials of the Crown.

© Copyright 1983

Crown in Right of Canada. No part of this report may be reproduced without the written consent of the Minister of Regional Industrial Expansion.

C O N T E N T S

SECTION I - Scope of Analysis

SECTION II - Canadian Production

SECTION III - Analysis of Imports

- Table 1 - By Type and Amperage

- Table 2 - By Unit Price

- Table 3 - Comparison June, July & August
1981 to June, July & August
1982

SECTION IV - Foreign Exporters to Canada

SECTION V - Canadian and Foreign Tariffs

- REFERENCES:
- (1) Customs Tariff: Item 44524-1
 - (2) Canadian International Trade Classification (Cat. #65-502E, Statistics Canada)
 - (3) Imports by Commodities (Cat. #65-007, Statistics Canada) Commodity Code 688-79

SECTION I

SCOPE OF ANALYSIS

This report is based on a detailed analysis of imports of automotive and light industrial battery chargers from the United States during the period September 1981 to August 1982. The following Statistics Canada import commodity codes were surveyed;

- 688-79(20) Chargers, battery, commercial
- 688-79(25) Chargers, battery, domestic type

For comparison purposes the months of June, July and August of 1981 were also analyzed: these results are shown in Table 3.

SECTION II

CANADIAN PRODUCTION

According to departmental and industry sources, automotive and light industrial battery chargers are presently being manufactured in Canada. However, Statistics Canada does not provide data on Canadian production or shipments.

SECTION III

ANALYSIS OF IMPORTS

Imports of automotive and light industrial battery chargers reported on documents examined covering the period September 1981 to August 1982 amounted to a total quantity of 10,300 chargers for a value of \$933,969. All shipments originated from the United States.

The analysis indicates that high rate chargers, with boost accounted for 46 per cent of the total quantity and 58 per cent of the total value; followed by medium rate chargers, with boost accounting for 29 per cent of the quantity and 25 per cent of the value.

Sixty per cent of all shipments included in this analysis are apparently, in Statistics Canada terminology, "arms-length transactions", i.e. shipments between non-affiliated firms..

Full details of the analysis are provided in the following tables.

NOTES: N.F.I. - Not Further Identified.

* - Less than one per cent.

** - Aggregated in order to preserve confidentiality

All percentage figures are rounded.

Dollar values shown are based on selling price F.O.B. plant, in Canadian dollars.

The above notes apply to all tables of information.

TABLE 1

IMPORTS OF DOMESTIC BATTERY CHARGERS - BY TYPE AND AMPERAGE

SEPTEMBER 1981 TO AUGUST 1982

Type	Amperage	Quantity (No.)	Value (\$)	REGION OF ENTRY			Market Shares Top three Importers
				West of Ont. (Ont. - %	East of Ont. of	
High Rate W/Boost:	110	84	14,439	18	82	-	100
	100	461	51,175	92	8	-	99
	90 & 85**	40	10,523	80	20	-	96
	80 & 70**	592	95,749	45	52	3	73
	60	3,576	367,727	46	46	8	73
		<u>4,753</u>	<u>539,613</u>				
High Rate N.F.I.	-	5	2,656	27	73	-	100
Medium Rate W/Boost	40 & 36**	236	21,297	53	39	8	96
	30	2,739	211,850	18	82	*	92
		<u>2,975</u>	<u>233,147</u>				
Medium Rate N.F.I.	-	10	1,787	-	100	-	100
Trickle Rate with or without Boost:	25	134	8,909	34	66	-	100
	15	529	34,090	31	65	4	79
	12 & 10**	551	27,781	17	79	4	90
	8 & 6**	982	58,467	11	89	-	92
	4 & 2**	246	3,695	13	87	-	100
		<u>2,442</u>	<u>132,942</u>				
Fleet (24 Volt)	-	115	23,824	92	*	8	84
GRAND TOTAL		<u>10,300</u>	<u>933,969</u>				

TABLE 2

IMPORTS OF DOMESTIC BATTERY CHARGERS - BY UNIT PRICE

SEPTEMBER 1981 TO AUGUST 1982

<u>Type</u>	<u>Unit Price</u> <u>(\$)</u>	<u>Quantity</u> <u>(No.)</u>	<u>Value</u> <u>(\$)</u>
High Rate:	Up to 90	1,814	132,381
	Over 90 to 120	917	92,378
	Over 120	<u>2,027</u>	<u>317,510</u>
TOTAL		4,758	542,269
Medium Rate:	Up to 90	2,887	223,826
	Over 90 to 120	86	8,759
	Over 120	<u>12</u>	<u>2,349</u>
TOTAL		2,985	234,934
Trickle Rate:	Up to 90	2,243	105,851
	Over 90 to 120	62	6,695
	Over 120	<u>137</u>	<u>20,396</u>
TOTAL		2,442	132,942
Fleet:	Up to 90	-	-
	Over 90 to 120	-	-
	Over 120	<u>115</u>	<u>23,824</u>
TOTAL		115	23,824
GRAND TOTAL		<u>10,300</u>	<u>933,969</u>

1
9
1

TABLE 3

IMPORTS OF DOMESTIC BATTERY CHARGERS - THREE MONTH COMPARISON

<u>Type</u>	<u>Amperage</u>	<u>JUNE, JULY & AUGUST 1981</u>		<u>JUNE, JULY & AUGUST 1982</u>	
		<u>Quantity</u> <u>(No.)</u>	<u>Value</u> <u>(\$)</u>	<u>Quantity</u> <u>(No.)</u>	<u>Value</u> <u>(\$)</u>
High Rate	60 to 110	1,934	237,883	257	38,786
Medium Rate	30 to 40	1,484	110,920	114	9,627
Trickle Rate	2 to 25	220	7,118	479	23,373
Fleet (24 Volt)	-	67	18,267	8	1,758
GRAND TOTAL		<u>3,705</u>	<u>374,188</u>	<u>858</u>	<u>73,544</u>

1
7
1

SECTION IV

FOREIGN EXPORTERS TO CANADA

Major exporters of automotive and light industrial battery chargers for the period September 1981 to August 1982 having total values of \$30,000 and over are listed below in descending order of value.

United States

Century Manufacturing Co.	Minneapolis, MN
Triple "A" Industries Ltd.	Chicago, IL
Associated Equipment Corp.	St. Louis, MO
Applied Power Inc.	Tucson, AR
Christie Electric Corp.	Torrance, CA

SECTION V

CANADIAN AND FOREIGN TARIFFS

CANADA

Automotive and light industrial battery chargers, included in this analysis were dutiable under the following most commonly applied tariff item.

<u>Tariff Item</u>	<u>Description</u>	<u>British Preferential Tariff</u>	<u>Most Favoured Nation Tariff</u>	<u>General Tariff</u>	<u>General Preferential Tariff</u>	<u>U.K. & Ireland</u>
44524-1	Electric apparatus and complete parts thereof, n.o.p.....	13.9%	13.9%	30%	9%	13.9%

Tariff items and rates of duty are subject to change, and need to be verified by direct reference to:

Customs Programs Branch
Department of Revenue Canada
Customs and Excise
Ottawa, Ontario
K1A 0L5

FOREIGN COUNTRIES

Inquiries concerning tariffs and other government trade regulations in foreign countries should be directed to:

International Bureaux
Department of External Affairs Canada
Ottawa, Ontario
K1A 0G2

