

Europe Synchronous Condenser Market - Industry Trends and Forecast to 2030

Market Report | 2023-06-01 | 165 pages | Data Bridge Market Research

AVAILABLE LICENSES:

- Single User License \$3500.00
- Corporate Users License \$4200.00

Report description:

Europe synchronous condenser market is expected to reach USD 1,044,842.42 thousand by 2030 from USD 768,880.81 thousand in 2022, with a CAGR of 3.9% in the forecast period from 2023 to 2030. The new market report contains data for the historic year 2021, the base year of calculation is 2022, and the forecast period is 2023 to 2030.

Market Segmentation:

Europe Synchronous Condenser Market, By Cooling Technology (Hydrogen Cooled Synchronous Condenser, Air-Cooled Synchronous Condenser, and Water Cooled Synchronous Condenser), Starting Method (Static Frequency Convertor, Pony Motor, and Others), Reactive Power Rating (Above 200 MVAR, 101-200 MVAR, 61-100 MVAR, 31-60 MVAR, and 0-30 MVAR), End-User (Electrical Utilities and Industrial Sectors), Type (New Synchronous Condenser and Refurbished Synchronous Condenser), Design (Salient Pole Design and Cylindrical Rotor Design), No. of Poles (4 to 8, Less Than 4, and More Than 8), Excitation System Type (Static Excitation and Brushless Excitation System), Country (France, Germany, U.K., Italy, Spain, Sweden, Switzerland, Netherlands, Belgium, Russia, Denmark, Turkey, Poland, Norway, Finland, and Rest of Europe) - Industry Trends and Forecast to 2030

Overview of Europe Synchronous Condenser Market Dynamics:

Driver:

- Rising demand for safe and secure electrical grid systems

Restraint:

- Stringent standards related to synchronous condenser

Opportunity:

- Rising government initiatives to reduce air pollution

Market Players

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com

Some of the major players operating in the Europe synchronous condenser market are:

- Doosan Skoda Power
- General Electric
- Eaton
- ABB
- Ansaldo Energia
- WEG
- Siemens Energy
- IDEAL ELECTRIC POWER CO
- ANDRITZ
- Mitsubishi Electric Power Products, Inc.
- Power Systems & Controls, Inc.
- Baker Hughes Company
- Shanghai Electric
- INGETEAM, S.A.
- Hitachi Energy Ltd.

Table of Contents:

TABLE OF CONTENTS

1 INTRODUCTION	30
1.1 OBJECTIVES OF THE STUDY	30
1.2 MARKET DEFINITION	30
1.3 OVERVIEW OF THE EUROPE SYNCHRONOUS CONDENSER MARKET	30
1.4 CURRENCY AND PRICING	33
1.5 LIMITATIONS	33
1.6 MARKETS COVERED	33
2 MARKET SEGMENTATION	36
2.1 MARKETS COVERED	36
2.2 YEARS CONSIDERED FOR THE STUDY	37
2.3 GEOGRAPHIC SCOPE	38
2.4 DBMR TRIPOD DATA VALIDATION MODEL	39
2.5 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS	42
2.6 DBMR MARKET POSITION GRID	43
2.7 VENDOR SHARE ANALYSIS	45
2.8 MULTIVARIATE MODELLING	46
2.9 COOLING TECHNOLOGY CURVE	47
2.10 MARKET END-USER COVERAGE GRID	48
2.11 SECONDARY SOURCES	49
2.12 ASSUMPTIONS	49
3 EXECUTIVE SUMMARY	50
4 PREMIUM INSIGHTS	53
5 EUROPE SYNCHRONOUS CONDENSER MARKET, BY COOLING TECHNOLOGY	54
5.1 OVERVIEW	55

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5.2	HYDROGEN COOLED SYNCHRONOUS CONDENSER	56
5.3	AIR-COOLED SYNCHRONOUS CONDENSER	57
5.4	WATER COOLED SYNCHRONOUS CONDENSER	57
6	EUROPE SYNCHRONOUS CONDENSER MARKET, BY STARTING METHOD	58
6.1	OVERVIEW	59
6.2	STATIC FREQUENCY CONVERTOR	60
6.3	PONY MOTOR	61
6.4	OTHERS	61
7	EUROPE SYNCHRONOUS CONDENSER MARKET, BY REACTIVE POWER RATING	62
7.1	OVERVIEW	63
7.2	ABOVE 200 MVAR	64
7.3	101-200 MVAR	65
7.4	61-100 MVAR	65
7.5	31-60 MVAR	66
7.6	0-30 MVAR	66
8	EUROPE SYNCHRONOUS CONDENSER MARKET, BY END USER	67
8.1	OVERVIEW	68
8.2	ELECTRICAL UTILITIES	69
8.3	INDUSTRIAL SECTORS	69
9	EUROPE SYNCHRONOUS CONDENSER MARKET, BY TYPE	70
9.1	OVERVIEW	71
9.2	NEW SYNCHRONOUS CONDENSER	72
9.3	REFURBISHED SYNCHRONOUS CONDENSER	72
10	EUROPE SYNCHRONOUS CONDENSER MARKET, BY DESIGN	73
10.1	OVERVIEW	74
10.2	SALIENT POLE DESIGN	75
10.3	CYLINDRICAL ROTOR DESIGN	75
11	EUROPE SYNCHRONOUS CONDENSER MARKET, BY NO. OF POLES	76
11.1	OVERVIEW	77
11.2	4 TO 8	78
11.3	LESS THAN 4	79
11.4	MORE THAN 8	79
12	EUROPE SYNCHRONOUS CONDENSER MARKET, BY EXCITATION SYSTEM TYPE	80
12.1	OVERVIEW	81
12.2	STATIC EXCITATION	82
12.3	BRUSHLESS EXCITATION SYSTEM	83
13	EUROPE SYNCHRONOUS CONDENSER MARKET, BY REGION	84
13.1	EUROPE	85
13.1.1	GERMANY	93
13.1.2	U.K.	96
13.1.3	ITALY	99
13.1.4	FRANCE	102
13.1.5	SPAIN	105
13.1.6	RUSSIA	108
13.1.7	TURKEY	111
13.1.8	NETHERLANDS	114
13.1.9	BELGIUM	117

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 13.1.10 FINLAND 120
- 13.1.11 NORWAY 123
- 13.1.12 SWITZERLAND 126
- 13.1.13 REST OF EUROPE 129
- 14 EUROPE SYNCHRONOUS CONDENSER MARKET, COMPANY LANDSCAPE 130
- 14.1 COMPANY SHARE ANALYSIS: EUROPE 130
- 15 COMPANY PROFILE 131
- 15.1 GENERAL ELECTRIC 131
- 15.1.1 COMPANY SNAPSHOT 131
- 15.1.2 REVENUE ANALYSIS 131
- 15.1.3 COMPANY SHARE ANALYSIS 132
- 15.1.4 PRODUCT PORTFOLIO 132
- 15.1.5 RECENT DEVELOPMENTS 132
- 15.2 ABB 134
- 15.2.1 COMPANY SNAPSHOT 134
- 15.2.2 REVENUE ANALYSIS 134
- 15.2.3 COMPANY SHARE ANALYSIS 135
- 15.2.4 PRODUCT PORTFOLIO 135
- 15.2.5 RECENT DEVELOPMENTS 135
- 15.3 EATON 137
- 15.3.1 COMPANY SNAPSHOT 137
- 15.3.2 REVENUE ANALYSIS 138
- 15.3.3 COMPANY SHARE ANALYSIS 138
- 15.3.4 SERVICE PORTFOLIO 139
- 15.3.5 RECENT DEVELOPMENTS 139
- 15.4 BAKER HUGHES COMPANY 140
- 15.4.1 COMPANY SNAPSHOT 140
- 15.4.2 REVENUE ANALYSIS 140
- 15.4.3 COMPANY SHARE ANALYSIS 141
- 15.4.4 PRODUCT & SERVICES PORTFOLIO 141
- 15.4.5 RECENT DEVELOPMENTS 141
- 15.5 ANDRITZ 142
- 15.5.1 COMPANY SNAPSHOT 142
- 15.5.2 REVENUE ANALYSIS 142
- 15.5.3 COMPANY SHARE ANALYSIS 143
- 15.5.4 PRODUCT PORTFOLIO 143
- 15.5.5 RECENT DEVELOPMENTS 143
- 15.6 ANSALDO ENERGIA 144
- 15.6.1 COMPANY SNAPSHOT 144
- 15.6.2 REVENUE ANALYSIS 144
- 15.6.3 PRODUCT PORTFOLIO 145
- 15.6.4 RECENT DEVELOPMENTS 145
- 15.7 DOOSAN SKODA POWER 146
- 15.7.1 COMPANY SNAPSHOT 146
- 15.7.2 PRODUCT PORTFOLIO 146
- 15.7.3 RECENT DEVELOPMENTS 146
- 15.8 HITACHI ENERGY LTD 147

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

15.8.1	COMPANY SNAPSHOT	147
15.8.2	REVENUE ANALYSIS	148
15.8.3	PRODUCT PORTFOLIO	148
15.8.4	RECENT DEVELOPMENTS	149
15.9	IDEAL ELECTRIC POWER CO.	150
15.9.1	COMPANY SNAPSHOT	150
15.9.2	PRODUCT PORTFOLIO	150
15.9.3	RECENT DEVELOPMENT	150
15.10	INGETEAM	151
15.10.1	COMPANY SNAPSHOT	151
15.10.2	PRODUCT PORTFOLIO	151
15.10.3	RECENT DEVELOPMENT	151
15.11	mitsubishi electric power products, inc.	152
15.11.1	COMPANY SNAPSHOT	152
15.11.2	REVENUE ANALYSIS	152
15.11.3	SOLUTION PORTFOLIO	153
15.11.4	RECENT DEVELOPMENT	153
15.12	POWER SYSTEMS & CONTROLS, INC.	154
15.12.1	COMPANY SNAPSHOT	154
15.12.2	PRODUCT PORTFOLIO	154
15.12.3	RECENT DEVELOPMENT	154
15.13	SHANGHAI ELECTRIC POWER GENERATION EQUIPMENT CO.,LTD. (A SUBSIDIARY OF SHANGHAI ELECTRIC)	155
15.13.1	COMPANY SNAPSHOT	155
15.13.2	REVENUE ANALYSIS	155
15.13.3	PRODUCT PORTFOLIO	156
15.13.4	RECENT DEVELOPMENTS	156
15.14	SIEMENS	157
15.14.1	COMPANY SNAPSHOT	157
15.14.2	REVENUE ANALYSIS	157
15.14.3	PRODUCT PORTFOLIO	158
15.14.4	RECENT DEVELOPMENTS	158
15.15	WEG	159
15.15.1	COMPANY SNAPSHOT	159
15.15.2	REVENUE ANALYSIS	159
15.15.3	PRODUCT PORTFOLIO	160
15.15.4	RECENT DEVELOPMENTS	160
16	QUESTIONNAIRE	161
17	RELATED REPORTS	165

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Europe Synchronous Condenser Market - Industry Trends and Forecast to 2030

Market Report | 2023-06-01 | 165 pages | Data Bridge Market Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3500.00
	Corporate Users License	\$4200.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-10"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com