

# Global Thin-film Solar Cell Market Analysis 2015-2019 and Forecast 2020-2025

https://marketpublishers.com/r/G4632A46984EN.html

Date: January 2020

Pages: 93

Price: US\$ 2,980.00 (Single User License)

ID: G4632A46984EN

## **Abstracts**

## **SNAPSHOT**

The global Thin-film Solar Cell market size is estimated at xxx million USD with a CAGR xx% from 2015-2019 and is expected to reach xxx Million USD in 2020 with a CAGR xx% from 2020 to 2025. The report begins from overview of Industry Chain structure, and describes industry environment, then analyses market size and forecast of Thin-film Solar Cell by product, region and application, in addition, this report introduces market competition situation among the vendors and company profile, besides, market price analysis and value chain features are covered in this report.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

CdTe Thin-film Solar Cells

CIS/CIGS Thin-film Solar Cells

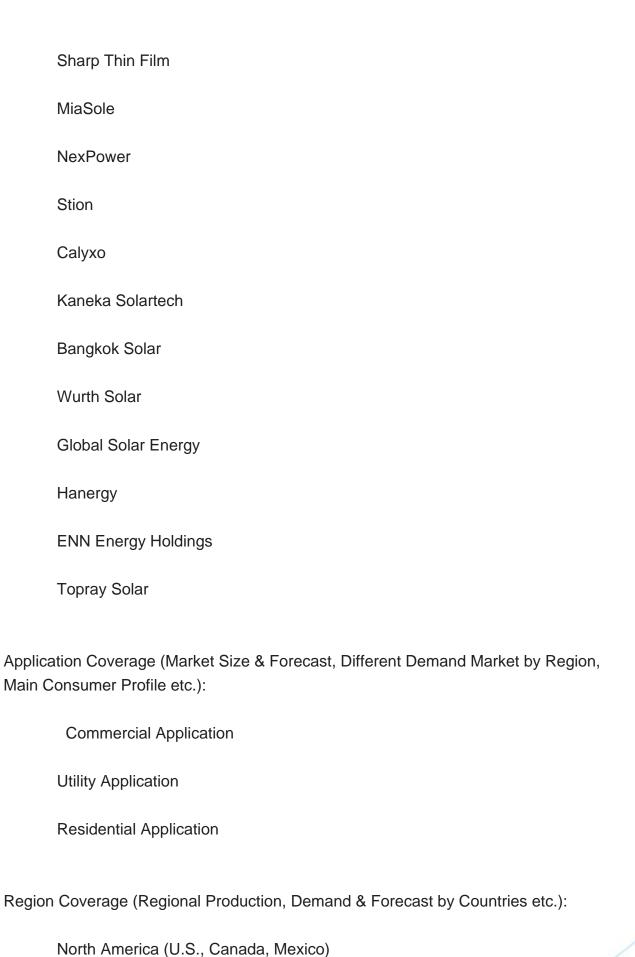
a-Si Thin-film Solar Cells

Company Coverage (Company Profile, Sales Revenue, Price, Gross Margin, Main Products etc.):

First Solar

Solar Frontier







Europe (Germany, U.K., France, Italy, Russia, Spain etc.)

Asia-Pacific (China, India, Japan, Southeast Asia etc.)

South America (Brazil, Argentina etc.)

Middle East & Africa (Saudi Arabia, South Africa etc.)



## **Contents**

## 1 INDUSTRY OVERVIEW

1.1 Thin-film Solar Cell Industry

Figure Thin-film Solar Cell Industry Chain Structure

- 1.1.1 Overview
- 1.1.2 Development of Thin-film Solar Cell
- 1.2 Market Segment
  - 1.2.1 Upstream

Table Upstream Segment of Thin-film Solar Cell

1.2.2 Downstream

Table Application Segment of Thin-film Solar Cell

Table Global Thin-film Solar Cell Market 2015-2025, by Application, in USD Million

1.3 Cost Analysis

## 2 INDUSTRY ENVIRONMENT (PEST ANALYSIS)

- 2.1 Policy
- 2.2 Economics
- 2.3 Sociology
- 2.4 Technology

## 3 THIN-FILM SOLAR CELL MARKET BY TYPE

- 3.1 By Type
  - 3.1.1 CdTe Thin-film Solar Cells

Table Major Company List of CdTe Thin-film Solar Cells

3.1.2 CIS/CIGS Thin-film Solar Cells

Table Major Company List of CIS/CIGS Thin-film Solar Cells

3.1.3 a-Si Thin-film Solar Cells

Table Major Company List of a-Si Thin-film Solar Cells

3.2 Market Size

Table Global Thin-film Solar Cell Market 2015-2019, by Type, in USD Million

Figure Global Thin-film Solar Cell Market Growth 2015-2019, by Type, in USD Million

Table Global Thin-film Solar Cell Market 2015-2019, by Type, in Volume

Figure Global Thin-film Solar Cell Market Growth 2015-2019, by Type, in Volume

3.3 Market Forecast

Table Global Thin-film Solar Cell Market Forecast 2020-2025, by Type, in USD Million



Table Global Thin-film Solar Cell Market Forecast 2020-2025, by Type, in Volume

## **4 MAJOR COMPANIES LIST**

- 4.1 First Solar (Company Profile, Sales Data etc.)
  - 4.1.1 First Solar Profile

Table First Solar Overview List

- 4.1.2 First Solar Products & Services
- 4.1.3 First Solar Business Operation Conditions

Table Business Operation of First Solar (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

- 4.2 Solar Frontier (Company Profile, Sales Data etc.)
  - 4.2.1 Solar Frontier Profile

Table Solar Frontier Overview List

- 4.2.2 Solar Frontier Products & Services
- 4.2.3 Solar Frontier Business Operation Conditions

Table Business Operation of Solar Frontier (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

- 4.3 Sharp Thin Film (Company Profile, Sales Data etc.)
  - 4.3.1 Sharp Thin Film Profile

Table Sharp Thin Film Overview List

- 4.3.2 Sharp Thin Film Products & Services
- 4.3.3 Sharp Thin Film Business Operation Conditions

Table Business Operation of Sharp Thin Film (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

- 4.4 MiaSole (Company Profile, Sales Data etc.)
- 4.4.1 MiaSole Profile

Table MiaSole Overview List

- 4.4.2 MiaSole Products & Services
- 4.4.3 MiaSole Business Operation Conditions

Table Business Operation of MiaSole (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

- 4.5 NexPower (Company Profile, Sales Data etc.)
  - 4.5.1 NexPower Profile

Table NexPower Overview List

- 4.5.2 NexPower Products & Services
- 4.5.3 NexPower Business Operation Conditions

Table Business Operation of NexPower (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)



- 4.6 Stion (Company Profile, Sales Data etc.)
  - 4.6.1 Stion Profile

**Table Stion Overview List** 

- 4.6.2 Stion Products & Services
- 4.6.3 Stion Business Operation Conditions

Table Business Operation of Stion (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

- 4.7 Calyxo (Company Profile, Sales Data etc.)
  - 4.7.1 Calyxo Profile

Table Calyxo Overview List

- 4.7.2 Calyxo Products & Services
- 4.7.3 Calyxo Business Operation Conditions

Table Business Operation of Calyxo (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

- 4.8 Kaneka Solartech (Company Profile, Sales Data etc.)
  - 4.8.1 Kaneka Solartech Profile

Table Kaneka Solartech Overview List

- 4.8.2 Kaneka Solartech Products & Services
- 4.8.3 Kaneka Solartech Business Operation Conditions

Table Business Operation of Kaneka Solartech (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

- 4.9 Bangkok Solar (Company Profile, Sales Data etc.)
  - 4.9.1 Bangkok Solar Profile

Table Bangkok Solar Overview List

- 4.9.2 Bangkok Solar Products & Services
- 4.9.3 Bangkok Solar Business Operation Conditions

Table Business Operation of Bangkok Solar (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

- 4.10 Wurth Solar (Company Profile, Sales Data etc.)
  - 4.10.1 Wurth Solar Profile

**Table Wurth Solar Overview List** 

- 4.10.2 Wurth Solar Products & Services
- 4.10.3 Wurth Solar Business Operation Conditions

Table Business Operation of Wurth Solar (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

- 4.11 Global Solar Energy (Company Profile, Sales Data etc.)
  - 4.11.1 Global Solar Energy Profile

Table Global Solar Energy Overview List

4.11.2 Global Solar Energy Products & Services



4.11.3 Global Solar Energy Business Operation Conditions

Table Business Operation of Global Solar Energy (Sales Revenue, Sales Volume,

Price, Cost, Gross Margin)

4.12 Hanergy (Company Profile, Sales Data etc.)

4.12.1 Hanergy Profile

**Table Hanergy Overview List** 

4.12.2 Hanergy Products & Services

4.12.3 Hanergy Business Operation Conditions

Table Business Operation of Hanergy (Sales Revenue, Cost, Gross Margin)

4.13 ENN Energy Holdings (Company Profile, Sales Data etc.)

4.13.1 ENN Energy Holdings Profile

Table ENN Energy Holdings Overview List

4.13.2 ENN Energy Holdings Products & Services

4.13.3 ENN Energy Holdings Business Operation Conditions

Table Business Operation of ENN Energy Holdings (Sales Revenue, Sales Volume,

Price, Cost, Gross Margin)

4.14 Topray Solar (Company Profile, Sales Data etc.)

4.14.1 Topray Solar Profile

Table Topray Solar Overview List

4.14.2 Topray Solar Products & Services

4.14.3 Topray Solar Business Operation Conditions

Table Business Operation of Topray Solar (Sales Revenue, Cost, Gross Margin)

## **5 MARKET COMPETITION**

## 5.1 Company Competition

Table Global Thin-film Solar Cell Sales Revenue 2015-2019, by Company, in USD Million

Table Global Thin-film Solar Cell Sales Revenue Share 2015-2019, by Company, in USD Million

Figure Global Thin-film Solar Cell Sales Revenue Share in 2019, by Company, in USD Million

Table Global Thin-film Solar Cell Sales Volume 2015-2019, by Company, in Volume Table Global Thin-film Solar Cell Sales Volume Share 2015-2019, by Company, in Volume

Figure Global Thin-film Solar Cell Sales Volume Share in 2019, by Company, in Volume 5.2 Regional Market by Company

Figure North America Thin-film Solar Cell Market Concentration, in 2019

Figure Europe Thin-film Solar Cell Market Market Concentration, in 2019



Figure Asia-Pacific Thin-film Solar Cell MMarket Concentration, in 2019
Figure South America Thin-film Solar Cell Market Concentration, in 2019
Figure Middle East & Africa Thin-film Solar Cell Market Concentration, in 2019

## **6 DEMAND BY END MARKET**

## 6.1 Demand Situation

6.1.1 Demand in Commercial Application

Figure Thin-film Solar Cell Demand in Commercial Application, 2015-2019, in USD Million

Figure Thin-film Solar Cell Demand in Commercial Application, 2015-2019, in Volume 6.1.2 Demand in Utility Application

Figure Thin-film Solar Cell Demand in Utility Application, 2015-2019, in USD Million Figure Thin-film Solar Cell Demand in Utility Application, 2015-2019, in Volume 6.1.3 Demand in Residential Application

Figure Thin-film Solar Cell Demand in Residential Application, 2015-2019, in USD Million

Figure Thin-film Solar Cell Demand in Residential Application, 2015-2019, in Volume 6.2 Regional Demand Comparison

**Table Regional Demand Comparison List** 

Table Major Application in Different Regions

6.3 Demand Forecast

Table Thin-film Solar Cell Demand Forecast 2020-2025, by Application, in USD Million Figure Thin-film Solar Cell Market Growth 2020-2025, by Application, in USD Million Figure Thin-film Solar Cell Market Share in 2025, by Application, in USD Million Table Thin-film Solar Cell Demand Forecast 2020-2025, by Application, in Volume Table Thin-film Solar Cell Market Growth 2020-2025, by Application, in Volume Table Thin-film Solar Cell Market Share in 2025, by Application, in Volume

## **7 REGION OPERATION**

## 7.1 Regional Production

Table Thin-film Solar Cell Production 2015-2019, by Region, in USD Million Table Thin-film Solar Cell Production 2015-2019, by Region, in Volume 7.2 Regional Market

Table Global Thin-film Solar Cell Market 2015-2019, by Region, in USD Million Table Global Thin-film Solar Cell Market Share 2015-2019, by Region, in USD Million Table Global Thin-film Solar Cell Market 2015-2019, by Region, in Volume Table Global Thin-film Solar Cell Market Share 2015-2019, by Region, in Volume



7.3 by Region

7.3.1 North America

7.3.1.1 Overview

Figure North America Thin-film Solar Cell Market Size and Growth 2015-2019, in USD Million

Figure North America Thin-film Solar Cell Market Size and Growth 2015-2019, in Volume

7.3.1.2 by Country (U.S., Canada, Mexico)

Table North America Thin-film Solar Cell Market Size 2015-2019, by Country, in USD Million

Table North America Thin-film Solar Cell Market Size 2015-2019, by Country, in Volume 7.3.2 Europe

7.3.2.1 Overview

Figure Europe Thin-film Solar Cell Market Size and Growth 2015-2019, in USD Million Figure Europe Thin-film Solar Cell Market Size and Growth 2015-2019, in Volume 7.3.2.2 by Country (Germany, U.K., France, Italy, Russia, Spain etc.)

Table Europe Thin-film Solar Cell Market Size 2015-2019, by Country, in USD Million Table Europe Thin-film Solar Cell Market Size 2015-2019, by Country, in Volume 7.3.3 Asia-Pacific

7.3.3.1 Overview

Figure Asia-Pacific Thin-film Solar Cell Market Size and Growth 2015-2019, in USD Million

Figure Asia-Pacific Thin-film Solar Cell Market Size and Growth 2015-2019, in Volume 7.3.3.2 by Country (China, India, Japan, Southeast Asia etc.)

Table Asia-Pacific Thin-film Solar Cell Market Size 2015-2019, by Country, in USD Million

Table Asia-Pacific Thin-film Solar Cell Market Size 2015-2019, by Country, in Volume 7.3.4 South America

7.3.4.1 Overview

Figure South America Thin-film Solar Cell Market Size and Growth 2015-2019, in USD Million

Figure South America Thin-film Solar Cell Market Size and Growth 2015-2019, in Volume

7.3.4.2 by Country (Brazil, Argentina etc.)

Table South America Thin-film Solar Cell Market Size 2015-2019, by Country, in USD Million

Table South America Thin-film Solar Cell Market Size 2015-2019, by Country, in Volume

7.3.5 Middle East & Africa



## **7.3.5.1** Overview

Figure Middle East & Africa Thin-film Solar Cell Market Size and Growth 2015-2019, in USD Million

Figure Middle East & Africa Thin-film Solar Cell Market Size and Growth 2015-2019, in Volume

7.3.5.2 by Country (Saudi Arabia, South Africa etc.)

Table Middle East & Africa Thin-film Solar Cell Market Size 2015-2019, by Country, in USD Million

Table Middle East & Africa Thin-film Solar Cell Market Size 2015-2019, by Country, in Volume

7.4 Regional Import & Export

7.5 Regional Forecast

Table Thin-film Solar Cell Market Forecast 2020-2025, by Region, in USD Million Table Thin-film Solar Cell Market Forecast 2020-2025, by Region, in Volume

## **8 MARKETING & PRICE**

- 8.1 Price and Margin
  - 8.1.1 Price Trends
  - 8.1.2 Factors of Price Change

Table Price Factors List

- 8.1.3 Manufacturers Gross Margin Analysis
- 8.2 Marketing Channel

Figure Marketing Channels Overview

## 9 RESEARCH CONCLUSION



## **List Of Tables**

## **LIST OF TABLES**

Table Upstream Segment of Thin-film Solar Cell

Table Application Segment of Thin-film Solar Cell

Table Global Thin-film Solar Cell Market 2015-2025, by Application, in USD Million

Table Major Company List of CIS/CIGS Thin-film Solar Cells

Table Major Company List of a-Si Thin-film Solar Cells

Table Global Thin-film Solar Cell Market 2015-2019, by Type, in USD Million

Table Global Thin-film Solar Cell Market 2015-2019, by Type, in Volume

Table Global Thin-film Solar Cell Market Forecast 2020-2025, by Type, in USD Million

Table Global Thin-film Solar Cell Market Forecast 2020-2025, by Type, in Volume

**Table First Solar Overview List** 

Table Business Operation of First Solar (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Solar Frontier Overview List

Table Business Operation of Solar Frontier (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Sharp Thin Film Overview List

Table Business Operation of Sharp Thin Film (Sales Revenue, Sales Volume, Price,

Cost, Gross Margin)

Table MiaSole Overview List

Table Business Operation of MiaSole (Sales Revenue, Sales Volume, Price, Cost,

Gross Margin)

Table NexPower Overview List

Table Business Operation of NexPower (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Stion Overview List

Table Business Operation of Stion (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Calyxo Overview List

Table Business Operation of Calyxo (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Kaneka Solartech Overview List

Table Business Operation of Kaneka Solartech (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Bangkok Solar Overview List

Table Business Operation of Bangkok Solar (Sales Revenue, Sales Volume, Price,



Cost, Gross Margin)

**Table Wurth Solar Overview List** 

Table Business Operation of Wurth Solar (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Global Solar Energy Overview List

Table Business Operation of Global Solar Energy (Sales Revenue, Sales Volume,

Price, Cost, Gross Margin)

**Table Hanergy Overview List** 

Table Business Operation of Hanergy (Sales Revenue, Cost, Gross Margin)

Table ENN Energy Holdings Overview List

Table Business Operation of ENN Energy Holdings (Sales Revenue, Sales Volume,

Price, Cost, Gross Margin)

Table Topray Solar Overview List

Table Business Operation of Topray Solar (Sales Revenue, Cost, Gross Margin)

Table Global Thin-film Solar Cell Sales Revenue 2015-2019, by Company, in USD Million

Table Global Thin-film Solar Cell Sales Revenue Share 2015-2019, by Company, in USD Million

Table Global Thin-film Solar Cell Sales Volume 2015-2019, by Company, in Volume Table Global Thin-film Solar Cell Sales Volume Share 2015-2019, by Company, in Volume

**Table Regional Demand Comparison List** 

Table Major Application in Different Regions

Table Thin-film Solar Cell Demand Forecast 2020-2025, by Application, in USD Million

Table Thin-film Solar Cell Demand Forecast 2020-2025, by Application, in Volume

Table Thin-film Solar Cell Market Growth 2020-2025, by Application, in Volume

Table Thin-film Solar Cell Market Share in 2025, by Application, in Volume

Table Thin-film Solar Cell Production 2015-2019, by Region, in USD Million

Table Thin-film Solar Cell Production 2015-2019, by Region, in Volume

Table Global Thin-film Solar Cell Market 2015-2019, by Region, in USD Million

Table Global Thin-film Solar Cell Market Share 2015-2019, by Region, in USD Million

Table Global Thin-film Solar Cell Market 2015-2019, by Region, in Volume

Table Global Thin-film Solar Cell Market Share 2015-2019, by Region, in Volume

Table North America Thin-film Solar Cell Market Size 2015-2019, by Country, in USD Million

Table North America Thin-film Solar Cell Market Size 2015-2019, by Country, in Volume

Table Europe Thin-film Solar Cell Market Size 2015-2019, by Country, in USD Million

Table Europe Thin-film Solar Cell Market Size 2015-2019, by Country, in Volume

Table Asia-Pacific Thin-film Solar Cell Market Size 2015-2019, by Country, in USD



## Million

Table Asia-Pacific Thin-film Solar Cell Market Size 2015-2019, by Country, in Volume Table South America Thin-film Solar Cell Market Size 2015-2019, by Country, in USD Million

Table South America Thin-film Solar Cell Market Size 2015-2019, by Country, in Volume

Table Middle East & Africa Thin-film Solar Cell Market Size 2015-2019, by Country, in USD Million

Table Middle East & Africa Thin-film Solar Cell Market Size 2015-2019, by Country, in Volume

Table Thin-film Solar Cell Market Forecast 2020-2025, by Region, in USD Million Table Thin-film Solar Cell Market Forecast 2020-2025, by Region, in Volume Table Price Factors List



# **List Of Figures**

## LIST OF FIGURES

Figure Thin-film Solar Cell Industry Chain Structure

Figure Global Thin-film Solar Cell Market Growth 2015-2019, by Type, in USD Million

Figure Global Thin-film Solar Cell Market Growth 2015-2019, by Type, in Volume

Figure Global Thin-film Solar Cell Sales Revenue Share in 2019, by Company, in USD Million

Figure Global Thin-film Solar Cell Sales Volume Share in 2019, by Company, in Volume

Figure North America Thin-film Solar Cell Market Concentration, in 2019

Figure Europe Thin-film Solar Cell Market Market Concentration, in 2019

Figure Asia-Pacific Thin-film Solar Cell MMarket Concentration, in 2019

Figure South America Thin-film Solar Cell Market Concentration, in 2019

Figure Middle East & Africa Thin-film Solar Cell Market Concentration, in 2019

Figure Thin-film Solar Cell Demand in Commercial Application, 2015-2019, in USD Million

Figure Thin-film Solar Cell Demand in Commercial Application, 2015-2019, in Volume

Figure Thin-film Solar Cell Demand in Utility Application, 2015-2019, in USD Million

Figure Thin-film Solar Cell Demand in Utility Application, 2015-2019, in Volume

Figure Thin-film Solar Cell Demand in Residential Application, 2015-2019, in USD Million

Figure Thin-film Solar Cell Demand in Residential Application, 2015-2019, in Volume

Figure Thin-film Solar Cell Market Growth 2020-2025, by Application, in USD Million

Figure Thin-film Solar Cell Market Share in 2025, by Application, in USD Million

Figure North America Thin-film Solar Cell Market Size and Growth 2015-2019, in USD Million

Figure North America Thin-film Solar Cell Market Size and Growth 2015-2019, in Volume

Figure Europe Thin-film Solar Cell Market Size and Growth 2015-2019, in USD Million

Figure Europe Thin-film Solar Cell Market Size and Growth 2015-2019, in Volume

Figure Asia-Pacific Thin-film Solar Cell Market Size and Growth 2015-2019, in USD Million

Figure Asia-Pacific Thin-film Solar Cell Market Size and Growth 2015-2019, in Volume Figure South America Thin-film Solar Cell Market Size and Growth 2015-2019, in USD Million

Figure South America Thin-film Solar Cell Market Size and Growth 2015-2019, in Volume

Figure Middle East & Africa Thin-film Solar Cell Market Size and Growth 2015-2019, in



**USD** Million

Figure Middle East & Africa Thin-film Solar Cell Market Size and Growth 2015-2019, in Volume

Figure Marketing Channels Overview



## I would like to order

Product name: Global Thin-film Solar Cell Market Analysis 2015-2019 and Forecast 2020-2025

Product link: <a href="https://marketpublishers.com/r/G4632A46984EN.html">https://marketpublishers.com/r/G4632A46984EN.html</a>

Price: US\$ 2,980.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

## **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/G4632A46984EN.html">https://marketpublishers.com/r/G4632A46984EN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970