



Introducing SolarEdge Home Hub 3Ø Storage Solution



solar**edge**

Same Sun, More Energy

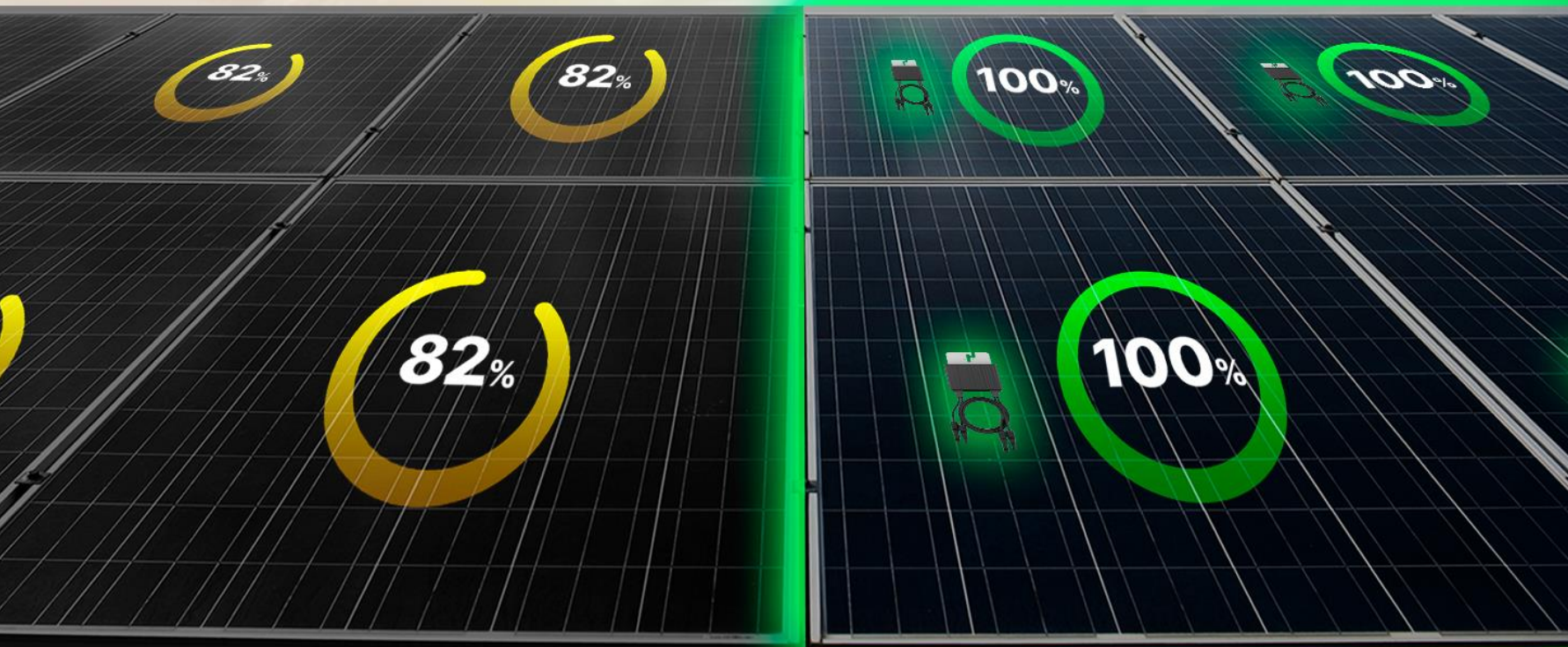


Enhanced Safety and Cyber Security

Standard Panel

VS.

SolarEdge DC Optimised Panel



The SolarEdge Power Optimiser:
The Power Behind
Every Panel





One Inverter Every Home

Introducing the SolarEdge
Home Hub 3Ø Universal
Inverter



16 Panel
Configuration

24 Panel
Configuration

32 Panel
Configuration

45 Panel
Configuration



Manage your solar, battery, EV charging, and backup power—all from one platform.
Future-ready for new tech and energy upgrades, so your home stays ahead.

Introducing

SolarEdge 3Ø Storage Solution

- / 10kW Inverter Capacity
- / Connect upto 2 * Followers
- / DC-coupled modular battery solution
- / AC-coupled capability
- / 3Ø Backup with BUI
- / Residential & Commercial applications



Storage Solutions

Home Hub Single Ø



Home Hub Universal SE10000H Inverter
+ Home Battery

Home Hub 2Ø or 3Ø



Home Hub Universal SE10000H Inverter
+ Home Battery & PPSB

Home Hub 3Ø



Home Hub Universal SE10K-RWB48
3Ø Inverter + Modular Battery

Home Hub 3Ø

SolarEdge SE10K-RWB48 Universal Inverter

- / Manages battery, backup power, EV charging and smart energy devices
- / 10kW Inverter Capacity
- / 10kW 3Ø Backup capacity
- / Oversize to 200%
- / ENET for Smart Energy comms



Storage

SolarEdge Modular 3Ø Battery Solution

- / DC-couple 1–5x modules
- / 4.85 – 24.25kWh per SE10K inverter
- / 5kW Output
- / Output per phase in backup < 3.33kW
- / 93% Round-trip efficiency
- / 10Yr Warranty – 70% Energy retention & 2.87MWh per kWh installed
- / CAN comms to inverter



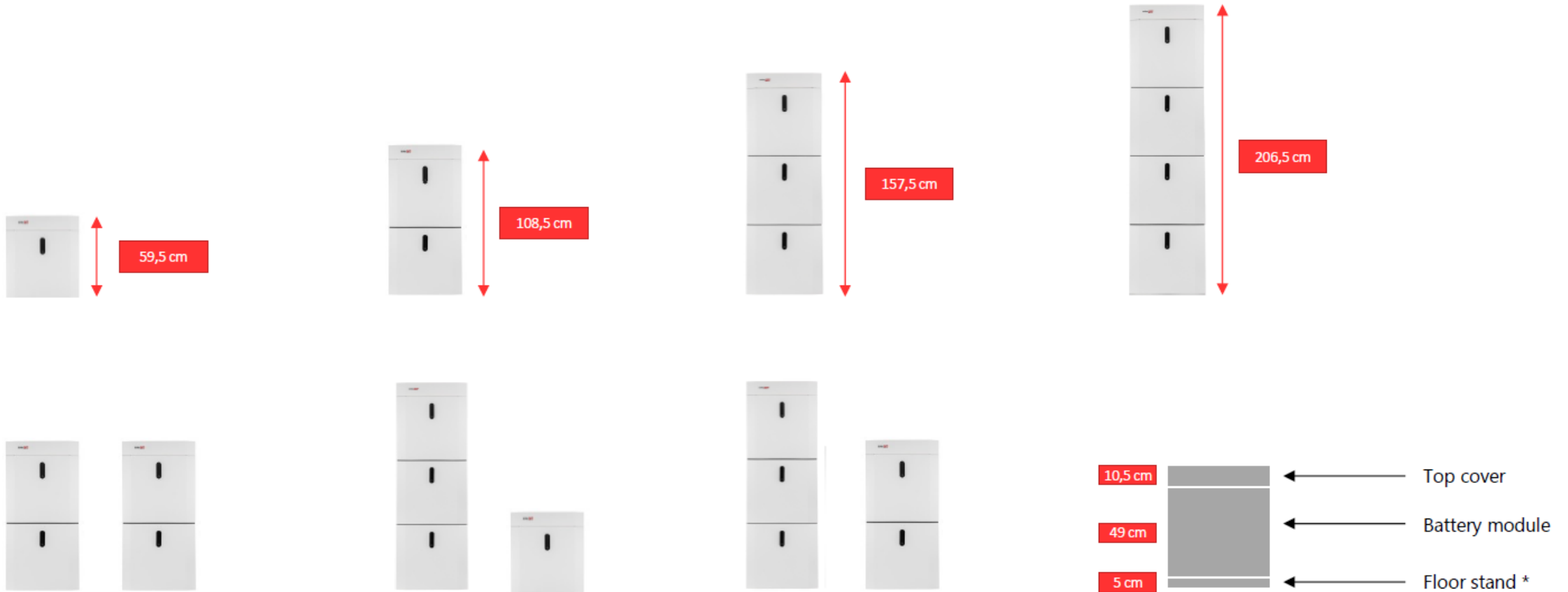
Backup

SolarEdge Home 3Ø Backup Interface (BI-EU3P)

- / Partial or Whole Home Backup
- / Supports upto 3 * SE10K-RWB48 inverters
- / 3.3kW in backup on one phase
- / < 3 sec switchover time
- / Integrated energy meter
- / Note: no Generator input



SolarEdge 3Ø Home Battery Configurations



Take Control

Manage battery, EV charger and Smart Home devices with the mySolarEdge app and built-in consumption monitoring.

Battery control includes Maximise self-consumption, TOU, Back-up only and manual control

Learn more

[Check out our systems](#)

User: SolarEdgeDemoSitesAU@outlook.com

Pass: BuildYourDreamSystem1



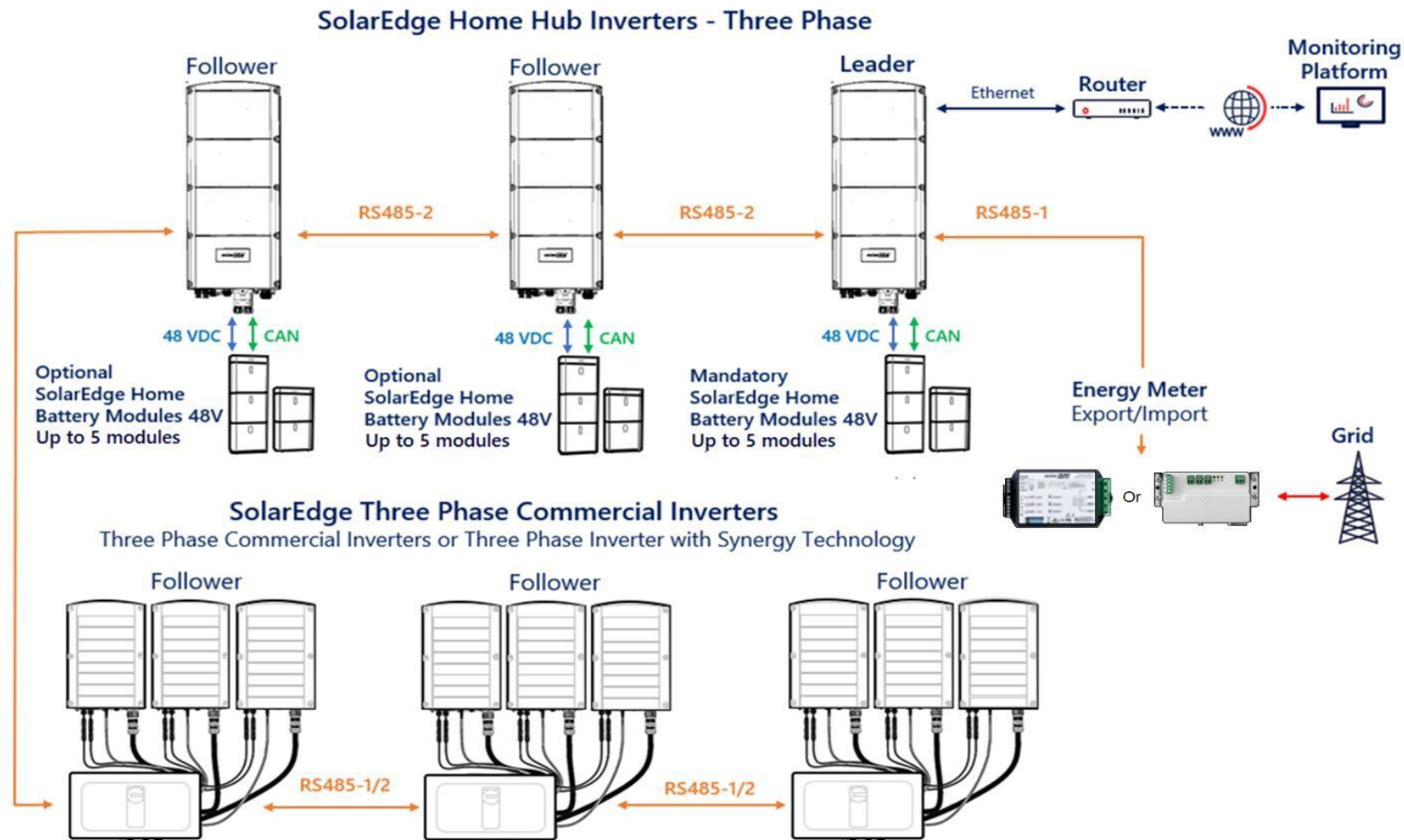
SolarEdge 3Ø Home Battery for Commercial

Supports DC or AC-couple configurations

- / Firmware supports Commercial & Residential installations
- / Scale to 30kW of inverter capacity & 69kWh of storage capacity
- / Combine with Synergy inverters on larger systems
- / Supported in Designer



SolarEdge 3Ø Home Battery for Commercial



SolarEdge 3Ø Home Battery for Commercial

Installation examples



Images courtesy of ESS Group & Philotimo Energy

Ordering SolarEdge 3Ø Home Hub + Battery

Main components

Home Hub 3Ø Hybrid Inverter
PN: SE10K-RWB48



Home 3Ø Battery Module
PN: BAT-05K48M0B-01



Home 3Ø Backup Interface
PN: SE10K-RWB48



Battery accessories

Battery Tower Cover
PN: IAC-RBAT-5KMTOP-01



Battery Floor Stand
PN: IAC-RBAT-5KFSTD-01

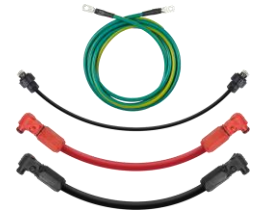


Battery cable accessories

Cable Battery to Inverter
PN: AC-RBAT-5KCINV-01



Cable Battery to Battery
PN: IAC-RBAT-5KCBAT-01



Cable Battery Tower to Tower
PN: IAC-RBAT-5KCTOW-01



Ordering SolarEdge 3Ø Home Hub + Battery

Bill of Materials

		1 x Tower				2 x Towers		
Item	Part Number	1 Battery	2 Batteries	3 Batteries	4 Batteries	3 Batteries (2+1)	4 Batteries (2+2 or 3+1)	5 Batteries (3+2)
4.85kWh Home Battery Module	BAT-05K48M0B-02	1	2	3	4	3	4	5
Battery Floor Stand	IAC-RBAT-5KFSTD-01	1				2		
Battery Top Cover	IAC-RBAT-5KMTOP-01	1				2		
Battery Module to Module Cables	IAC-RBAT-5KCBAT-01	-	1	2	3	1	2	3
Battery Module to Inverter Cables	IAC-RBAT-5KCINV-01	1				1		
Battery Tower to Tower Cables	IAC-RBAT-5KCTOW-01	-				1		
Home Hub 3Ø SE10K-RWB48	SE10K-RWB48BFN4	1				1		
Backup Interface 3Ø w/ Meter	BI-NEUNU-3P-01	1				1		

String Design



PV System Design Using a SolarEdge Inverter ⁽⁶⁾		Three Phase Commercial
Minimum String Length (Power Optimisers)	S440, S500	16
	S500B, S650B	14
Maximum String Length		50
Maximum Nominal Power per String		11,250

String voltage = 750-850V DC

Max DC String Power = 11.25kW

Max Oversizing = 200% (w/ battery)

System	Optimiser	Module	Min. Ops	Min kW	Max kW (Panel No.)
Single String	S440	440W	16	7.04	11.00 (25)
		475W	16	7.60	10.93 (23)
	S500B	440W	14	6.16	
		475W	14	6.65	
Dual String	S440	440W	16	14.08	19.80 (22+23)
		475W	16	15.20	19.95 (2*21)
	S500B	440W	14	12.32	
		475W	14	13.20	

FAQ's

Q: Can I connect the BAT-05K48 battery with a BAT-10K Home Battery to the same inverter?

A: No, as they are completely different battery systems. The BAT-05K48 is made specifically for the SE10K-RWB48 inverter, whilst the BAT-10K is made specifically for the Home Hub SE10000H & SE10K-AUB inverters.

Q: Can I install the BAT-05K48 battery with a SEK-AUB 3Ø Residential Inverter?

A: No, the BAT-05K48 battery is not compatible with the SEK-AUB or SEK-AU inverters, only the SE10K-RWB48 inverter.

Q: Am I able to offer the new SE10K-RWB48 hybrid inverter for a TradeUp of a SEK-AU or SEK-AUB inverter

A: Yes, TradeUp is now available for 3-phase systems. Please visit this link. <https://www.solaredge.com/aus/trade-up>

Q: Can I install the BAT-05K48 battery with a Home Hub SE10000H Universal Residential Inverter?

A: No, the BAT-05K48 battery is not compatible with the Home Hub inverters, only the SE10K-RWB48 inverter.

Q: Does the SE10K-RWB48 inverter provides backup on all 3 phases and for 3-phase loads?

A: Yes, when the 3-phase backup interface (BI-EU3P) is installed in conjunction with the 3-phase inverter and batteries.

Storage Solutions

Home Hub Single Ø



Home Hub Universal SE10000H Inverter
+ Home Battery

Home Hub 2Ø or 3Ø



Home Hub Universal SE10000H Inverter
+ Home Battery & PPSB

Home Hub 3Ø



Home Hub Universal SE10K-RWB
3Ø Inverter + Modular Battery

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Our Solar Battery and Backup Products

Harness the full potential of solar energy with SolarEdge's cutting-edge storage and backup solutions, designed specifically for residential use anywhere in Australia. Our innovative systems allow you to store surplus solar energy, ensuring that your home remains powered, day and night. Whether it's managing peak demand times or providing an essential backup during power outages, SolarEdge has you covered.

Our storage solutions integrate seamlessly with your **SolarEdge solar system**, enhancing energy independence and efficiency. With our advanced technology, you can store excess energy generated during the day and use it when you need it most, reducing your reliance on the grid and lowering your electricity bills.

The SolarEdge Home Battery is a highly efficient DC-coupled solution designed for use with SolarEdge single-phase inverters. Paired with the SolarEdge Home Backup Interface, you can achieve full or partial home backup, ensuring a reliable power supply during grid outages. This system is designed to provide peace of mind and continuous energy supply, even in unexpected situations. Browse our solar home battery and backup products and learn more below.



SolarEdge Home Battery

Integrates with our single phase inverters.

[Show Product](#)



SolarEdge 3-Phase Home Battery

Our new modular and stackable battery. Integrates with our Home Hub 3-Phase inverter only.

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Training



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SolarEdge Home Hub Storage Solution - Three phase - Australia

E-learning • English • 1 of 2 lessons completed

Syllabus

2 Lessons

- Completed**
- SolarEdge Home Hub 3 PH Storage Solution Overview - 20 min
- In progress**
- Knowledge Assessment
- Test

SolarEdge Home Hub 3 PH Storage Solution Overview - 20 min

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Introducing SolarEdge Home Hub 3Ø Storage Solution

0:05 / 19:45

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Thank You!

Cautionary Note Regarding Market Data & Industry Forecasts

This power point presentation contains market data and industry forecasts from certain third party sources. This information is based on industry surveys and the preparer's expertise in the industry and there can be no assurance that any such market data is accurate or that any such industry forecasts will be achieved. Although we have not independently verified the accuracy of such market data and industry forecasts, we believe that the market data is reliable and that the industry forecasts are reasonable.

