

JOHNSON ELECTRIC HOLDINGS LIMITED

FY2013/14

Annual Results

July 2014



innovating motion

Group Overview

Key Financial Highlights

Operational Results

Outlook

Appendix

FY2014/15 June Qtr Updates

JOHNSON ELECTRIC GROUP OVERVIEW

Johnson Electric is the global leader in custom designed motion subsystems, including motors, solenoids, switches and flexible interconnects. We serve a broad range of industry segments including automotive, building automation and security, business machines, security and aerospace, food and beverage equipment, home technologies, HVAC, industrial equipment, medical devices, personal care, power equipments and power tools.

Established in 1959, Johnson Electric designs and produces custom motion solutions throughout the world for use in a broad range of product applications. Innovation centers are located in Hong Kong, China, Switzerland, Germany, Italy, Israel, Japan and the UK and the USA. Total global headcount including contract staff stands at approximately 35,000 people.

The annual production capacity are over one billion motor and actuators and manufactures products in more than a dozen countries on four continents.

Johnson Electric has been listed on The Stock Exchange of Hong Kong Limited since 1984.

COMPANY VISION AND BRAND PROMISE



Company Vision

To be the world's **definitive** provider of innovative and reliable motion systems

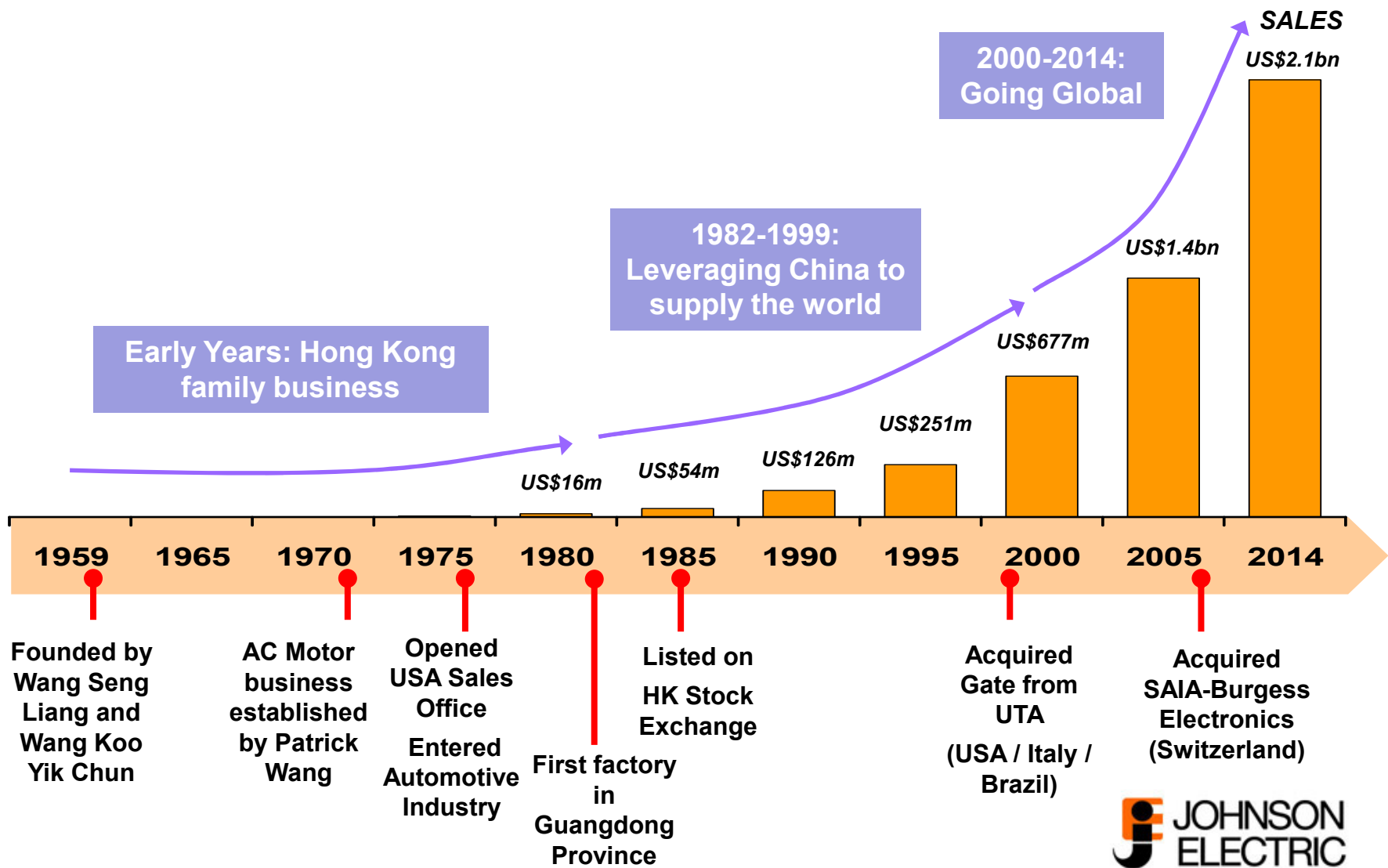
Brand Promise

“Technology Leadership”













“The Safe Choice”



KEY MILESTONES 1959 – 2014



APG APPLICATIONS

<p>Powertrain Cooling</p>  <p>Cooling Fan Module</p>  <p>Battery Cooling</p>  <p>Grill Shutter</p>	<p>Lighting</p>  <p>Headlamp Adjuster</p>  <p>Headlamp Adjuster</p>  <p>LED Lighting</p>	<p>HVAC</p>  <p>Actuator</p>  <p>Actuator</p>	<p>Door Locks</p>  <p>Door Lock</p>	<p>Window Lift & Sunroof Drives</p>  <p>Window Lift Drive</p>  <p>Sunroof Drive</p>	<p>Power Closure Systems</p>  <p>Latching / Cinching</p>  <p>Power Lift Gate</p>  <p>Switch</p>  <p>Door Closure Assist</p>	
<p>Washer Pumps</p>  <p>Washer Pump</p>  <p>Washer Pump</p>  <p>Headlamp Washer</p>			<p>Mirrors</p>  <p>Mirror Adjuster</p>  <p>Power Folder</p>			
						<p>Power Seat</p>  <p>Seat Adjuster</p>  <p>Seatbelt Pretensioner</p>  <p>Headrest Adjuster</p>  <p>Lumbar Support</p>
<p>Steering</p>  <p>Electric Power Steering</p>  <p>Electric Steering Column Lock</p>		<p>Engine Management</p>  <p>Electronic Throttle Control</p>  <p>Exhaust Gas Recirculation</p>  <p>Fuel Pump</p>  <p>Valve Actuators</p>	<p>Braking</p>  <p>Electronic Stability Control</p>  <p>Anti-lock Braking System</p>  <p>Electric Parking Brake</p>	<p>Transmission</p>  <p>Automated Manual Transmission</p>  <p>Dual Clutch Transmission</p>		

IPG APPLICATIONS



Power Tools



Camera & Optical



Home Entertainment & Gaming



Personal Care



Food & Beverages



Home Technologies



HVAC



Lawn & Garden



Power Sports



Smart Metering



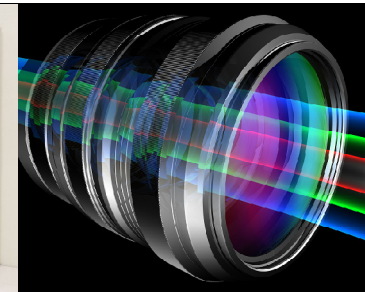
Business Machines



Industrial Automation



Building Automation & Security



Optronics



Medical Devices

Group Overview

Key Financial Highlights

Operational Results

Outlook

Appendix

FY2014/15 June Qtr Updates

HIGHLIGHTS

- ✓ **Group sales** US\$2,098 million –an **increase of 2% YOY**
- ✓ **Gross profit margin** increased to **29.5%** from 28.0% in the prior year
- ✓ **EBITDA** totalled US\$322 million – **up 6%**
- ✓ **Operating profits** increased by **10%** to US\$233 million. **Operating margin** improved to **11.1%**
- ✓ **Net profit attributable to shareholders** increased to a **record US\$208 million**, an increase of **9%**
- ✓ **Earnings per share** increased by **9%** to 5.85 US cents
- ✓ **Gearing level** remained low with a debt to total capital ratio **declining from 7% to 6%**. The Group had total **borrowings of US\$117 million** and total cash reserves of **US\$644 million**

FINANCIAL HIGHLIGHTS

<i>US\$ million</i>	FY2013/14	FY2012/13
Sales	2,097.6	2,059.7
Gross profit	618.9	577.7
<i>Gross margin</i>	29.5%	28.0%
Profit attributable to shareholders	207.9	191.3
Diluted earnings per share (US Cents)	5.81	5.33
EBITDA	321.8	304.3
<i>EBITDA margin</i>	15.3%	14.8%
Free cash flow from operations ¹	231.1	161.4

<i>US\$ million</i>	31 Mar 2014	31 Mar 2013
Cash	644.0	480.9
Total debt (borrowings)	(116.9)	(125.0)
Net cash	527.1	355.9
Enterprise value ²	2,789.1	2,320.5
Enterprise value to EBITDA ³	8.7	7.6

Credit Quality - Financial Ratios ³	31 Mar 2014	31 Mar 2013
Free cash flow from operations ¹ (annualised) to debt	198%	129%
Total debt to EBITDA (annualised)	0.4	0.4

1. Net cash generated from operating activities plus net interest received, less capital expenditure (net of proceeds from disposal of fixed assets) and capitalization of engineering development costs. FY2012/13 excludes cash outflow due to insourcing a European distribution channel
2. Enterprise value calculated as market capitalisation plus non-controlling interests plus total debt less cash
3. EBITDA and free cash flow from operations were annualised using last twelve months' results

Group Overview

Key Financial Highlights

Operational Results

Outlook

Appendix

FY2014/15 June Qtr Updates

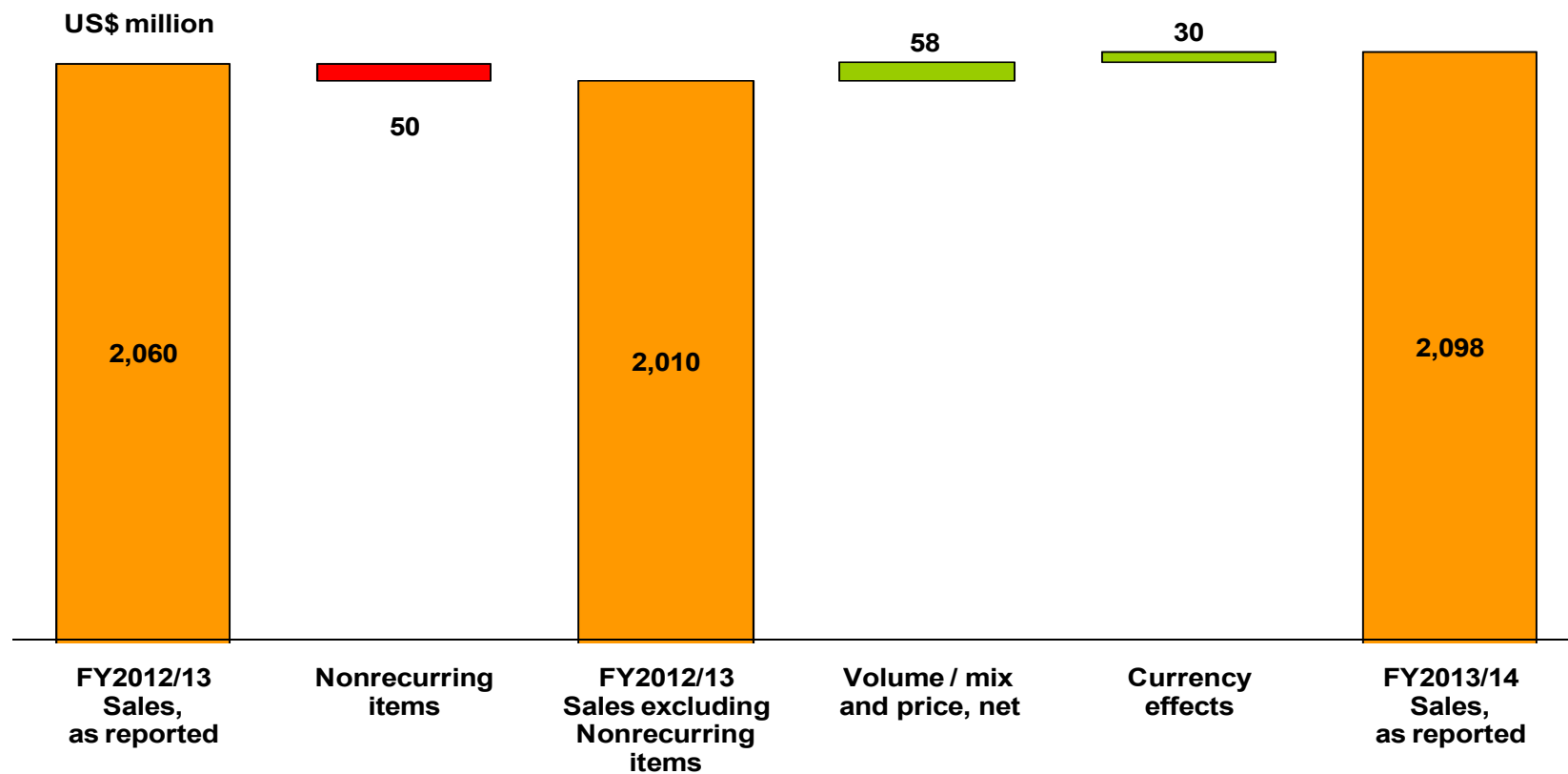
PROFITABILITY REVIEW

FY2013/14 vs. FY2012/13

<i>US\$ million</i>	FY2013/14	FY2012/13	Increase/ (decrease) in profit
Sales	2,097.6	2,059.7	37.9
Gross profit	618.9	577.7	41.2
<i>Gross margin %</i>	29.5%	28.0%	
Other income and gains, net	19.8	28.4	(8.6)
Selling and administrative expenses ("S&A")	(405.2)	(393.2)	(12.0)
<i>S&A %</i>	19.3%	19.1%	
Operating profit	233.5	212.9	20.6
<i>Operating profit %</i>	11.1%	10.3%	
Net interest income	9.1	4.8	4.3
Share of profit of associate	0.4	0.3	0.1
Profit before income tax	243.0	218.0	25.0
Income tax expense	(28.1)	(21.1)	(7.0)
<i>Effective tax rate</i>	11.6%	9.7%	
Profit for the year	214.9	196.9	18.0
Non-controlling interests	(7.0)	(5.6)	(1.4)
Profit attributable to shareholders, as reported	207.9	191.3	16.6

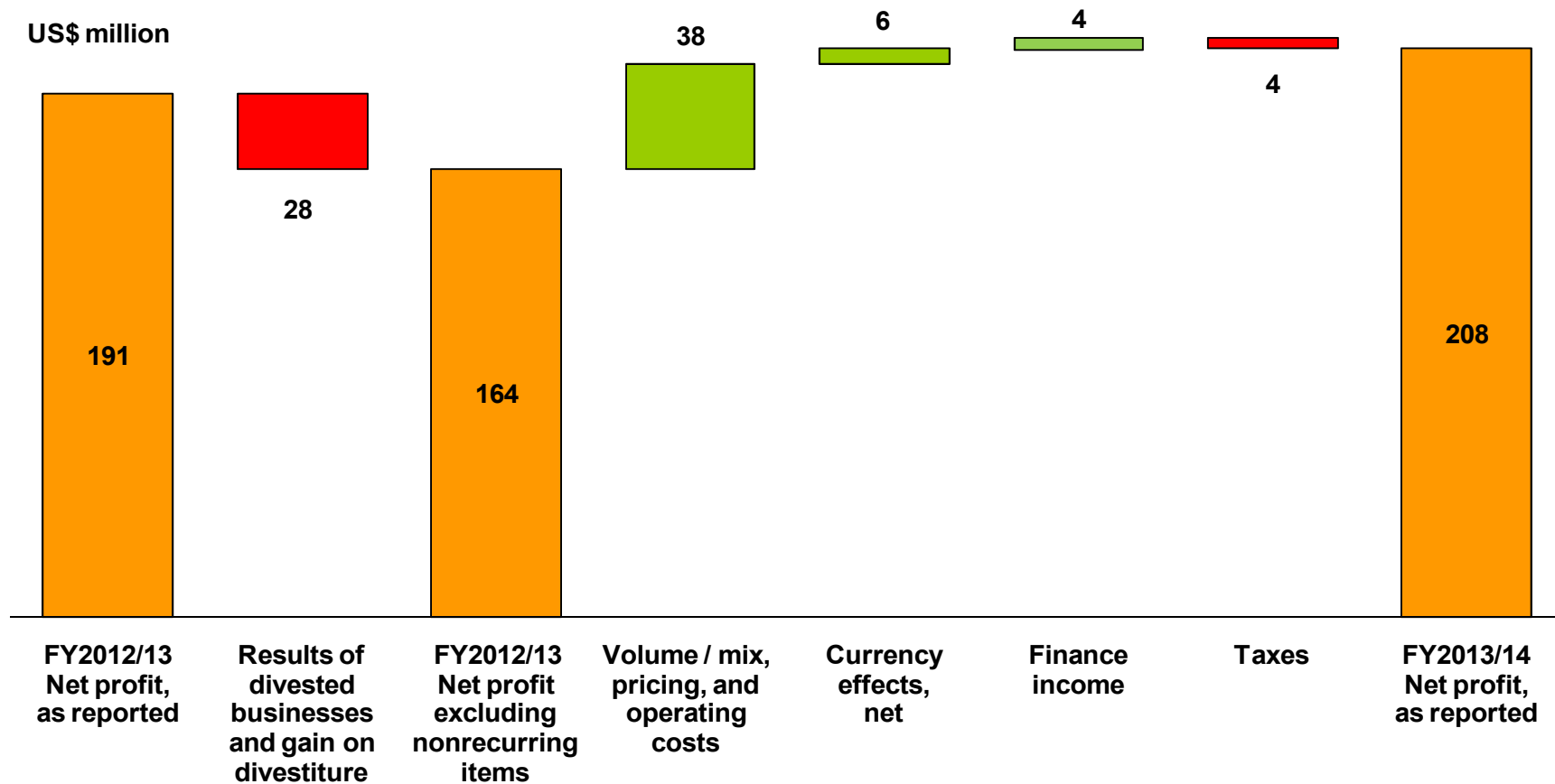
SALES CHANGES

FY2013/14 vs. FY2012/13



Note: Numbers do not add across due to the effect of rounding

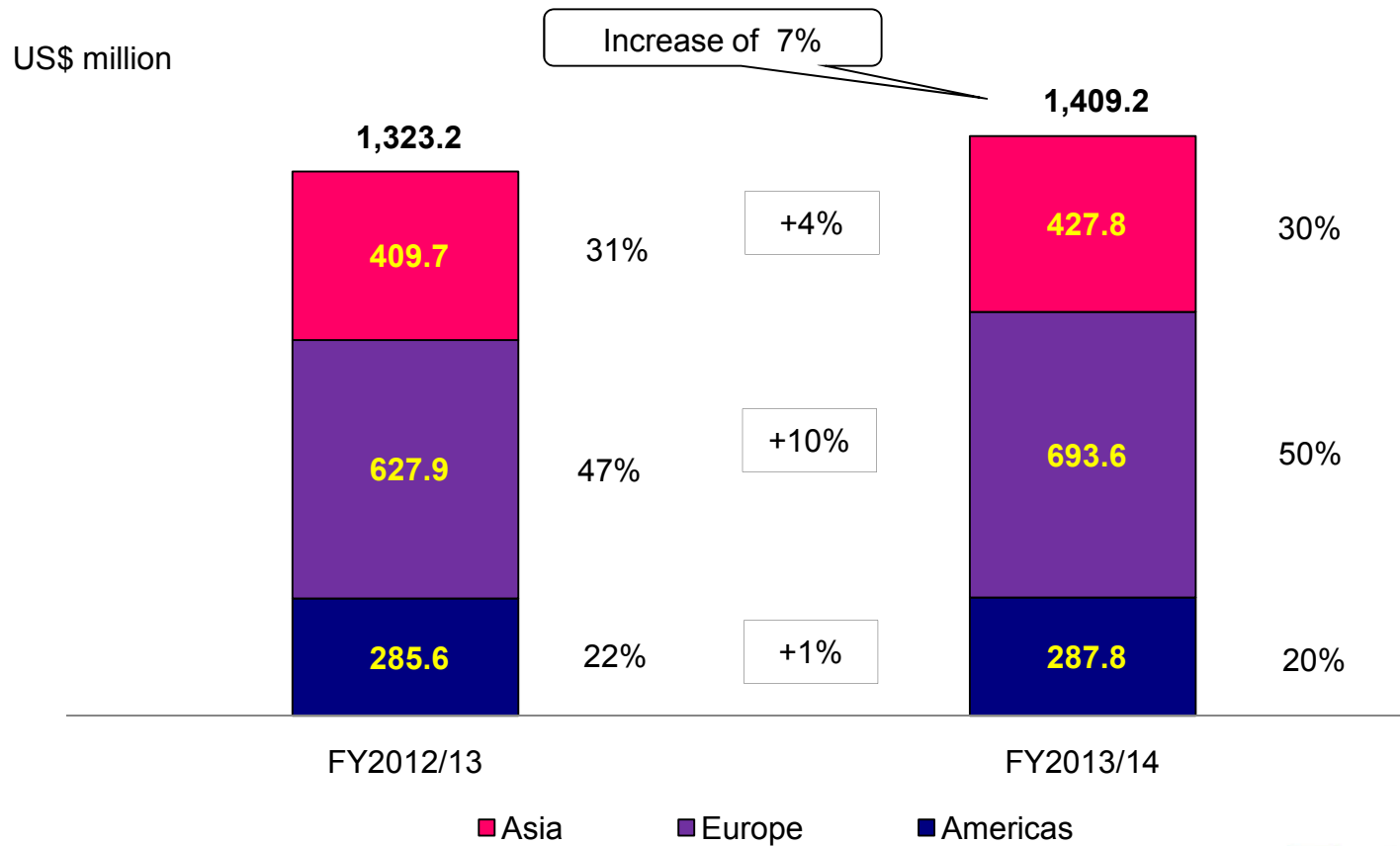
CHANGES IN PROFIT ATTRIBUTABLE TO SHAREHOLDERS



Note: Numbers do not add across due to the effect of rounding

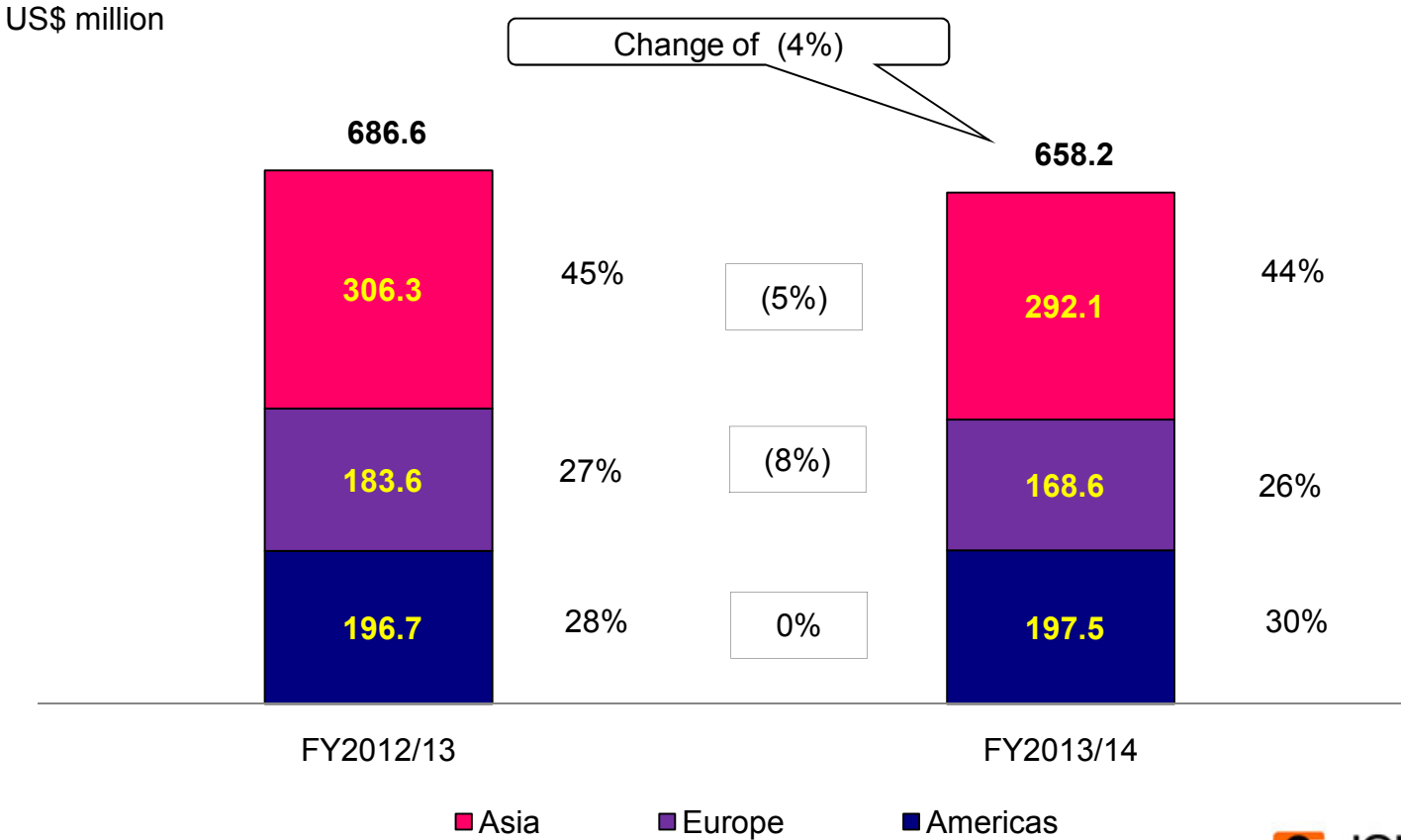
GROUP SALES BY BUSINESS - APG

**APG Sales (Excluding Nonrecurring Items)
at Constant Exchange Rates**



GROUP SALES BY BUSINESS - IPG

**IPG Sales (Excluding Nonrecurring Items)
at Constant Exchange Rates**



ANALYSIS OF CASH FLOW

<i>US\$ million</i>	FY2013/14	FY2012/13	Change
Operating profit *	233.7	213.4	20.3
Depreciation and amortisation	88.1	90.9	(2.8)
EBITDA	321.8	304.3	17.5
Other non-cash items in profit before taxes	0.9	(17.8)	18.7
Working capital changes	17.8	(37.8)	55.6
Interest paid	(1.8)	(2.5)	0.7
Income taxes paid	(31.3)	(29.4)	(1.9)
Net cash generated from operating activities	307.4	216.8	90.6
Capital expenditure, net of subsidies	(92.2)	(82.6)	(9.6)
Capitalisation of engineering development costs	(5.8)	-	(5.8)
Proceeds from disposal of fixed assets	10.8	19.7	(8.9)
Interest received	10.9	7.5	3.4
Free cash flow from operations excluding insourcing	231.1	161.4	69.7
Working capital change due to insourcing a European distribution channel	-	(49.5)	49.5
Free cash flow from operations	231.1	111.9	119.2

* Operating profit as reported plus US\$0.3 million dividend received from associate in FY2013/14 (FY2012/13: US\$0.5 million)

OTHER CASH FLOWS

<i>US\$ million</i>	FY2013/14	FY2012/13	Change
Free cash flow from operations	231.1	111.9	119.2
Acquisition	-	(11.1)	11.1
(Subsequent payments) / proceeds of divestiture of non-core business	(6.1)	137.8	(143.9)
Purchase of shares for cancellation of issued capital	(1.7)	(19.9)	18.2
Purchase of shares held for Long-Term Incentive Share Scheme	(2.9)	-	(2.9)
Other investing activities	1.5	3.7	(2.2)
Dividends paid	(50.4)	(46.0)	(4.4)
Other financing activities	(3.2)	(2.8)	(0.4)
Total cash flow (excluding changes in borrowings and currency effects)	168.3	173.6	(5.3)
Net repayment of borrowings	(12.7)	(77.3)	64.6
Increase in cash (excluding currency effects)	155.6	96.3	59.3
Exchange gains / (losses) on cash	7.5	(0.5)	8.0
Net movement in cash	163.1	95.8	67.3

CONVERTIBLE BONDS

TERMS OF THE BONDS

Completion Date	2nd April 2014
Principal Amount	US\$200 million
Maturity Date	2nd April 2021

INTEREST - PAYABLE SEMI-ANNUALLY

Rate	1% p.a.
Payable Date	2nd October

CONVERSION

Conversion Price	HK\$10.26
Convertible Date Begins	13th May 2014
At FX Rate	HK\$7.76 = US\$1.00

REDEMPTION

	Put Option
	<u>5 years</u>
Maturity Date	2nd April 2019
Redemption Rate of Principal Amount	109.31%
If put, Gross Yield	2.75%

Reasons for the Subscription and Use of Proceeds:

It will be used by the Company for general corporate and working capital purposes, including funding the expansion of its existing global operating footprint and for financing possible acquisitions should suitable opportunities arise in the future.

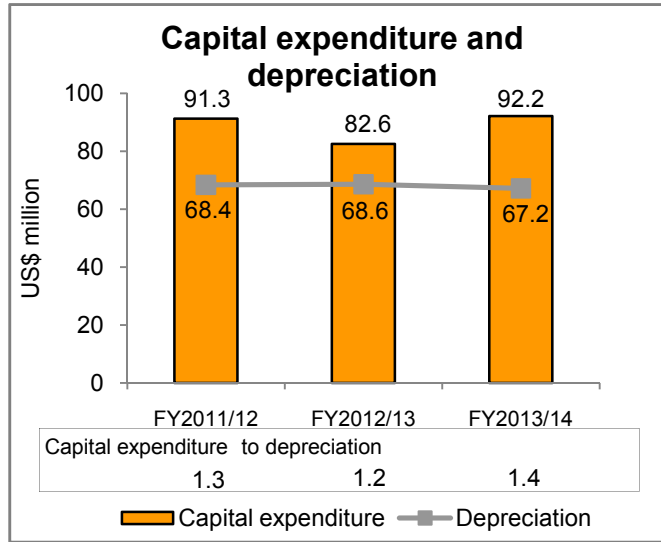
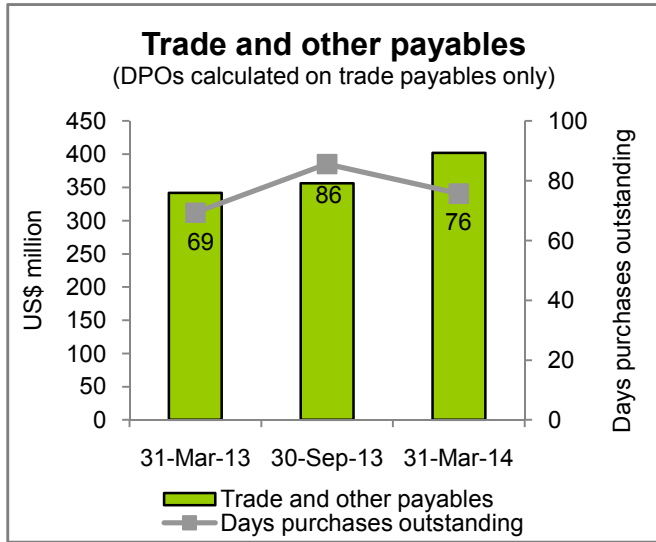
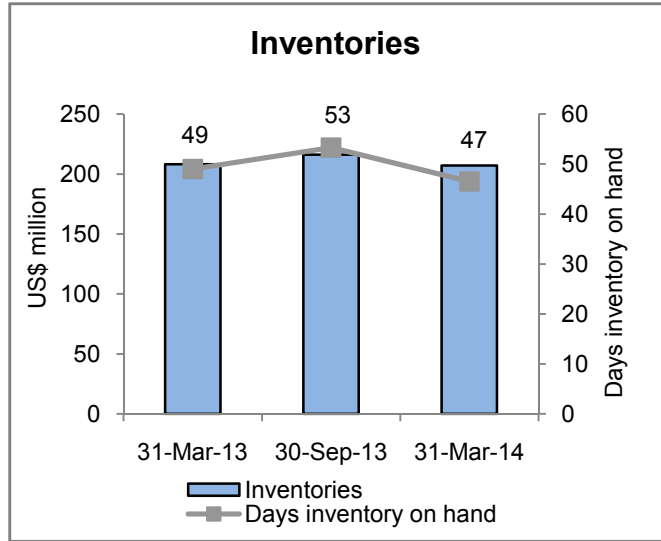
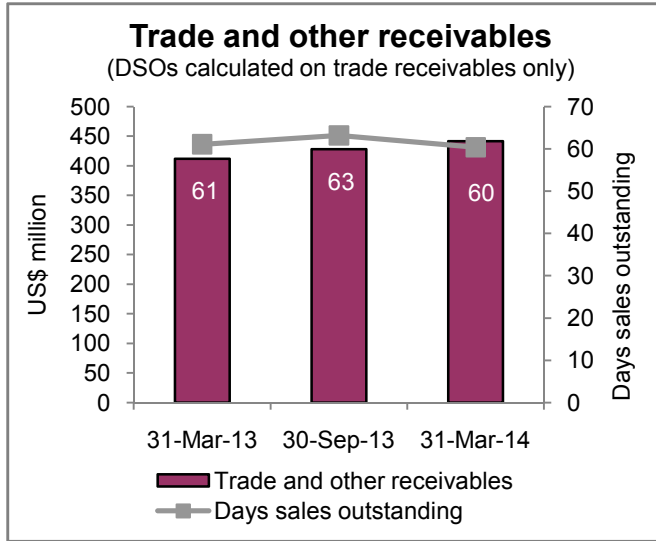
DIVIDENDS & PROPOSED SHARE CAPITAL CONSOLIDATION

- ▶ **Increasing the final dividend** paid to shareholders **by 6% to 8.5 HK cents, represents a total dividend of 11.5 HK cents** per share

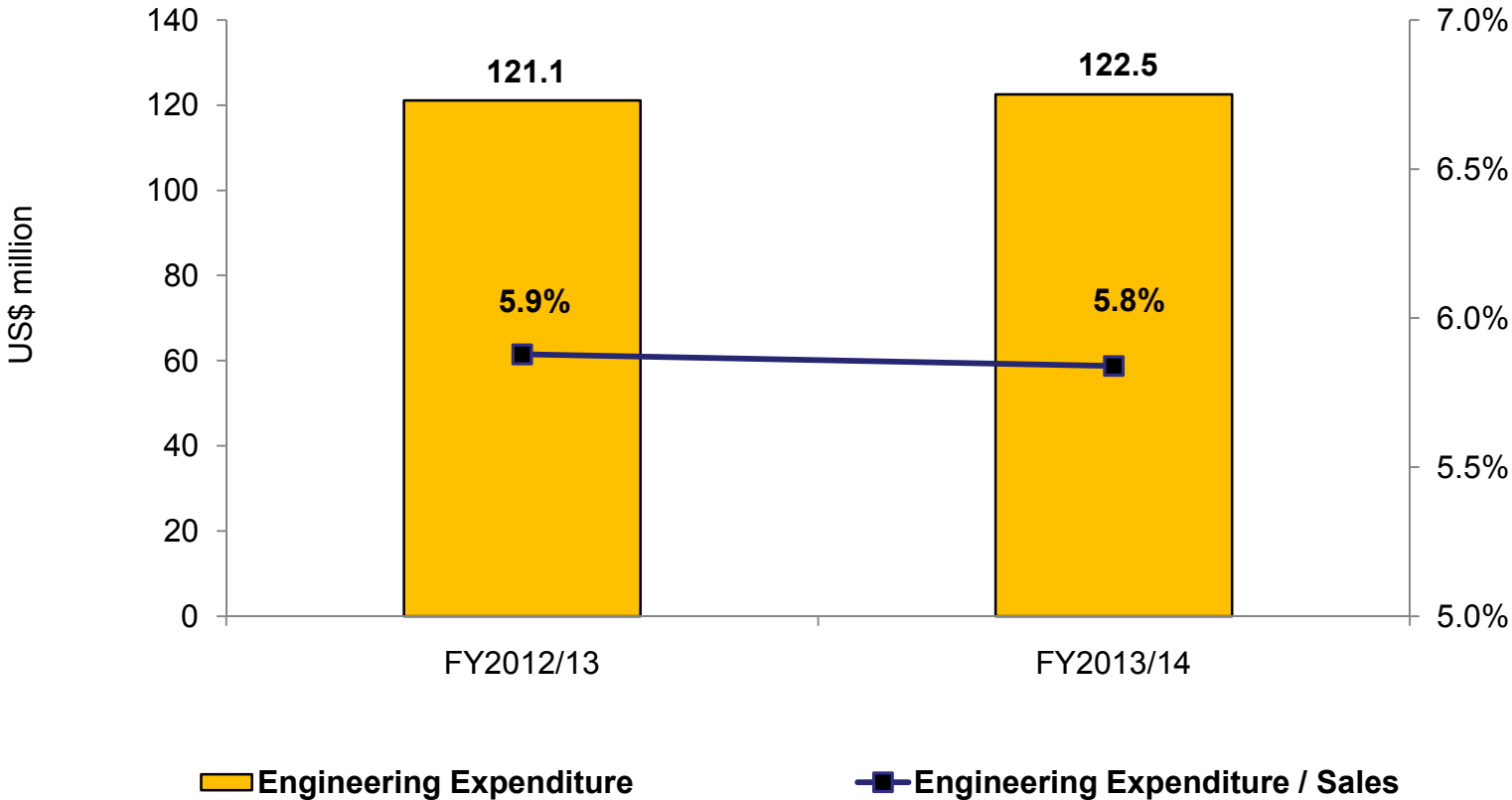
- ▶ Consideration to **increasing the FY2014/15 interim dividend**
 - Subject to the performance of the Group in the first half of the 2014/15 financial year and taking into account its overall financial condition and prospects at the time

- ▶ **Proposing a 1 for 4 consolidation** of Johnson Electric ordinary shares
 - Enable greater flexibility in future dividend distributions
 - Gradually increase and over the long term, the ratio of interim dividends such that it represents approximately one-third of the prior financial year's total dividends paid

WORKING CAPITAL & CAPEX



ENGINEERING EXPENDITURE



Group Overview

Key Financial Highlights

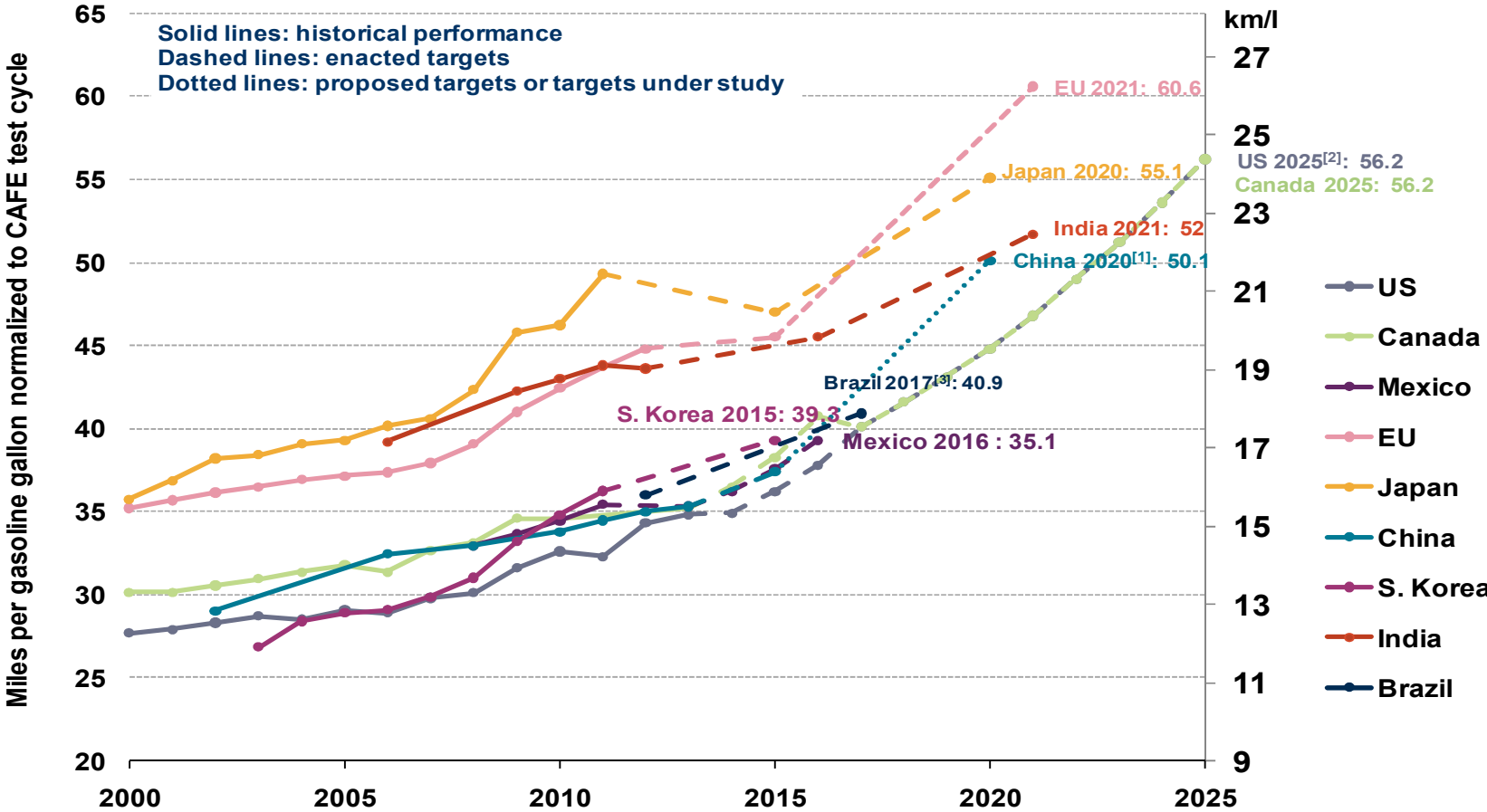
Operational Results

Outlook

Appendix

FY2014/15 June Qtr Updates

TRENDS IN AUTOMOTIVE



[1] China's target reflects gasoline vehicles only. The target may be higher after new energy vehicles are considered.
 [2] The U.S. standards are fuel economy standards set by NHTSA, which is slightly different from GHG standards due to A/C credits.
 [3] Gasoline in Brazil contains 22% of ethanol (E22), all data in the chart have been converted to gasoline (E00) equivalent
 [4] Supporting data can be found at: <http://www.theicct.org/info-tools/global-passenger-vehicle-standards>.

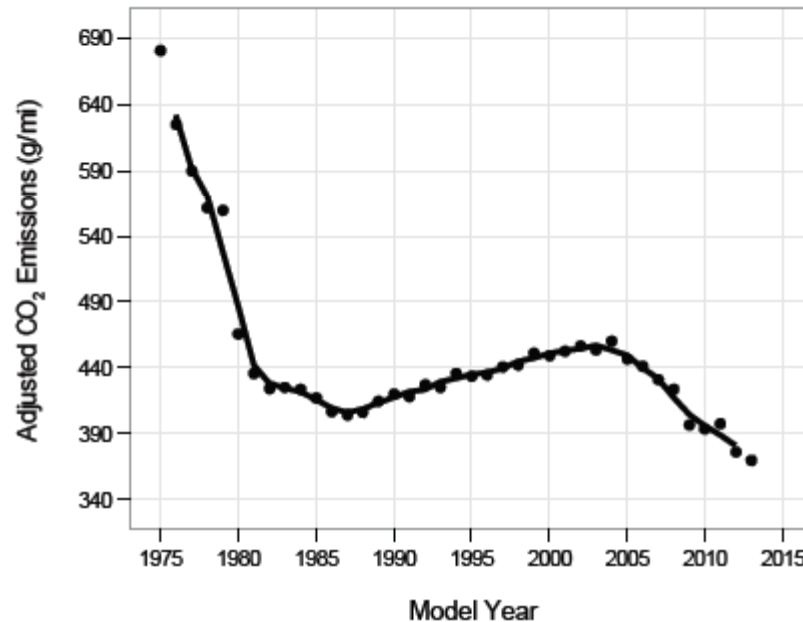
Source: International Council on Clean Transportation, Feb 2014.



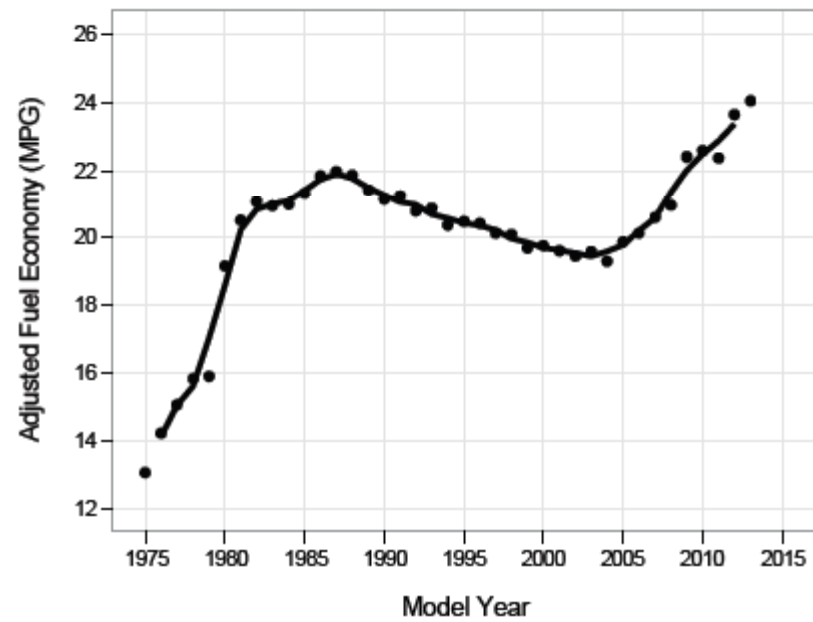
TRENDS IN LIGHT-DUTY AUTOMOBILE

*“A very favorable trend beginning in 2005, with annual CO2 emissions and fuel economy improvements in seven of the eight individual years, and with **CO2 emissions decreasing by 18%** and **fuel economy increasing by 22%** since MY 2004”*

Adjusted CO2 Emissions for MY 1975-MY 2013



Adjusted Fuel Economy for MY 1975-MY 2013



Source from: <http://www.epa.gov/otaq/fetrends.htm>

Examples of Products - APG

Fuel Economy – Braking System & Engine Air Management
Comfortability – Power Closure System

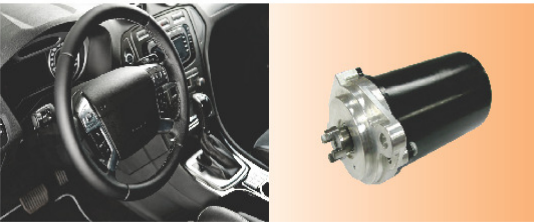
JOHNSON ELECTRIC

"Technology Leadership"

- Low cogging torque
- Light weight & compact size
- High steering power
- High power density brush motor

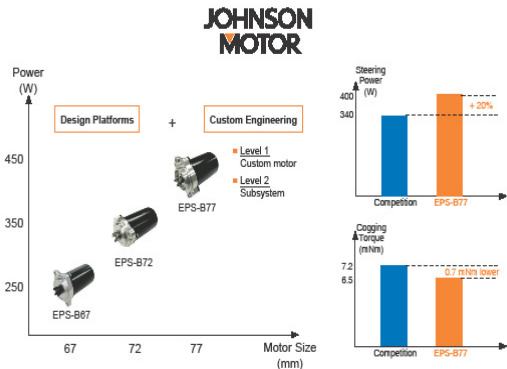
"The Safe Choice"

- Industry leader in motor technology
- Fail safe motor design
- Rigorous application testing
- Johnson Electric Production System



High Power Brush Motor for Electric Power Steering

JOHNSON MOTOR



Design Platforms + Custom Engineering

- Level 1 Custom motor
- Level 2 Subsystem

Model	Steering Power (W)
Competition	340
EPS-B77	380 (+20%)

Model	Cogging Torque (mNm)
Competition	7.2
EPS-B77	6.5 (0.7 mNm lower)


JOHNSON ELECTRIC

"Technology Leadership"

- Highest torque to overcome mud or ice
- Custom designs for different platforms
- Lowest power consumption
- Compact design

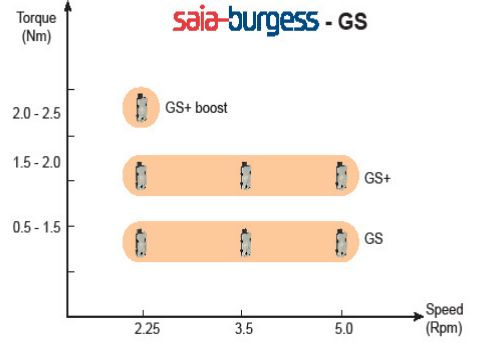
"The Safe Choice"

- Extensive reliability testing
- Proven actuator designs
- Global manufacturing & engineering
- Vertical integration for TQC



High Performance Actuators for Automotive Grill Shutters

saia-burgess - gs



Speed (Rpm)	GS+ boost (Nm)	GS+ (Nm)	GS (Nm)
2.25	2.0 - 2.5	1.5 - 2.0	0.5 - 1.5
3.5	2.0 - 2.5	1.5 - 2.0	0.5 - 1.5
5.0	2.0 - 2.5	1.5 - 2.0	0.5 - 1.5

JOHNSON ELECTRIC

"Technology Leadership"

- Smallest diameter
- High driving & holding torque
- High EMC suppression
- Position sensor integrated

"The Safe Choice"

- Custom solutions
- Technology leader for power liftgate drives
- Rigorous application and environmental testing
- Johnson Electric Production System



Compact Drive Platform for Power Liftgate Struts

JOHNSON MOTOR



Custom Engineering

- Subsystem design
- Motor design
- Gear design

Diameter (mm)	Model	Category
24	PLS-G22	Car Hatchback
29	PLH-G22	SUV Compact
29	PLE-G22	SUV Full Size

TRENDS IN IPG

- ▶ Undergoing an important repositioning in the past few years by which it has sought to reduce its exposure to some more commoditised product applications and **focus** instead on market segments which value **more differentiated technology solutions**
- ▶ Increasingly encouraged by the response of customers to our range of new product innovations and by the improved gross margins the division is achieving overall
- ▶ Key product development strategy of IPG is to improve energy efficiency and to create “human value” in end-user products
- ▶ Johnson Electric has continued to invest in developing and launching new patent-protected products to align with the “Smart Grid” remote management initiatives that are becoming major features in the electricity and gas distribution industries worldwide

Examples of Products - IPG

JOHNSON ELECTRIC

"Technology Leadership"

- Highest grid efficiency with zero pressure drop
- Highest resistance to shock & vibration
- Tamper proof & Compact plug-in solution
- Very low leakage

"The Safe Choice"

- Safe restart during valve opening
- Minimum 15 years operation
- ATEX zone 1 and 2
- Double position indication



sala Shut-off Valve for Smart Gas Metering



Relative

System Integration

sala GM
 ▶ Valve + Sensor
 ▶ Integrated control

sala GMS
 ▶ Valve + Sensor
 ▶ Position detection

sala GMC
 ▶ Compact ball valve
 ▶ Zero pressure drop

www.johnsonelectric.com

JOHNSON ELECTRIC

"Technology Leadership"

- Innovative latching 200A relay technology
- 12 VDC, 24 VDC and 230 VAC modules
- Low power, low resistance and low self heating design
- Standard and prepayment remote disconnect

"The Safe Choice"

- 16k electrical cycles guarantee service life
- No switch failures at nominal short circuit test
- Fail safe after extreme short circuit fault
- Maintained metrology accuracy over meter life



High Reliability and Safety for Smart Meter Disconnect

LEDEX - BLP 200



mV Drop

Operations

Competition

LedException BLP 200

Smart Metering –
 Highest Grid Efficiency,
 Resistance to Shock &
 Vibration, Tamper Proof
 & Compact and Low
 Self Heating design

Professional Power Tools –
 High Power Density &
 Efficiency, Instant Torque,
 Highly Reliable and Compact
 Size

Medical Equipments –
 Highest dosing force &
 precision, Light Weight,
 Compact Size and Low Power
 Consumption

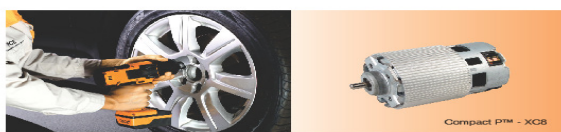
JOHNSON ELECTRIC

"Technology Leadership"

- Instant torque for toughest jobs
- Highest power for battery operation
- High heat rejection for continuous operation
- Highest efficiency for long battery run time

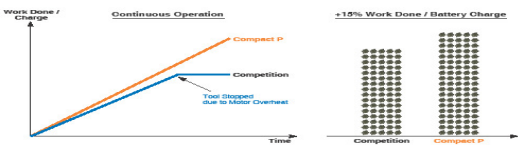
"The Safe Choice"

- Design platform for professional tools
- Industry leader in power tool motor technology
- Robust and reliable design
- Rigorous application testing



High Torque Motor for Cordless Impact Wrenches

JOHNSON MOTOR



Work Done / Charge

Time

Continuous Operation

Compact P

Competition

Tool stopped due to Motor Overheat

+10% Work Done / Battery Charge

Competition

Compact P

JOHNSON ELECTRIC

"Technology Leadership"

- Highest dosing precision
- Miniature drive system
- Low noise and low power consumption design
- Custom design and integration

"The Safe Choice"

- Fail safe control support
- Component design and manufacturing integration
- FDA compliant development process
- ISO 13485 certified



Precision Miniature Medication Dosing System Design

JOHNSON MEDTECH



Dosing Force (Max)

Dosing Accuracy

Medication Viscosity

Industry Standard

Insulin Growth Hormone Multiple Sclerosis

OUTLOOK FOR JOHNSON ELECTRIC

- ▶ The overall outlook for the markets where Johnson Electric operates is broadly stable with signs of a gradual pick-up in demand in the US and Europe
- ▶ In the near term the Group's sales will continue to reflect the combination of continued strength from our automotive division and a more gradual turnaround from our industrial division
- ▶ In the 2014/15 financial year, we plan to commence production in newly built plants in India and Serbia, as well as significantly expand our existing facility in Mexico to meet customer demand
- ▶ Higher capital expenditures and operating costs in the short term as new plants go through their normal startup phase to achieve targeted higher production volumes
- ▶ Believe it is realistic to expect operating margins and net profits in the 2014/15 financial year to be somewhat lower than those high levels achieved in 2013/14
- ▶ Net interest expense will increase due to the issuance of the US\$200 million convertible bonds

Group Overview

Key Financial Highlights

Operational Results

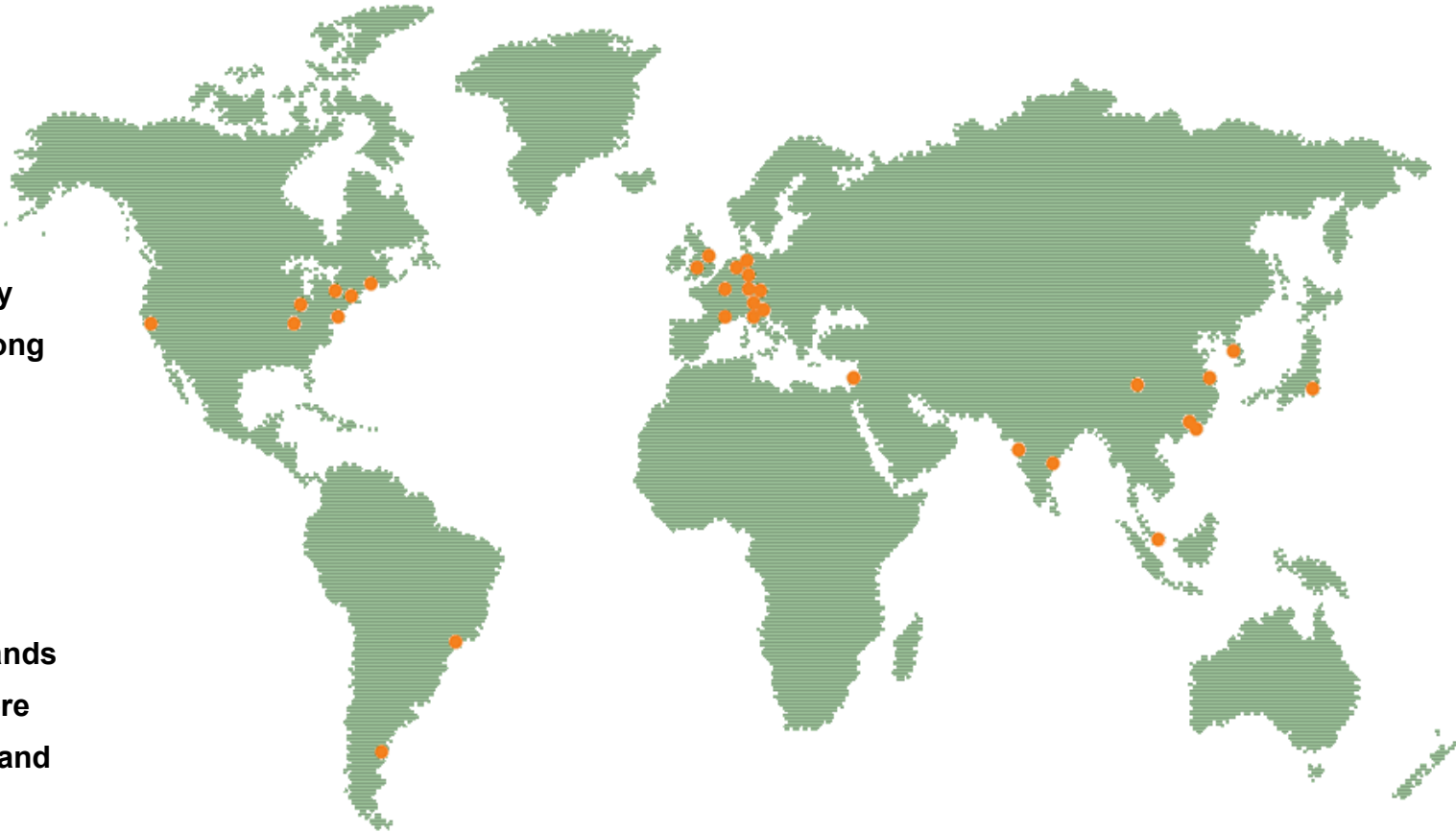
Outlook

Appendix

FY2014/15 June Qtr Updates

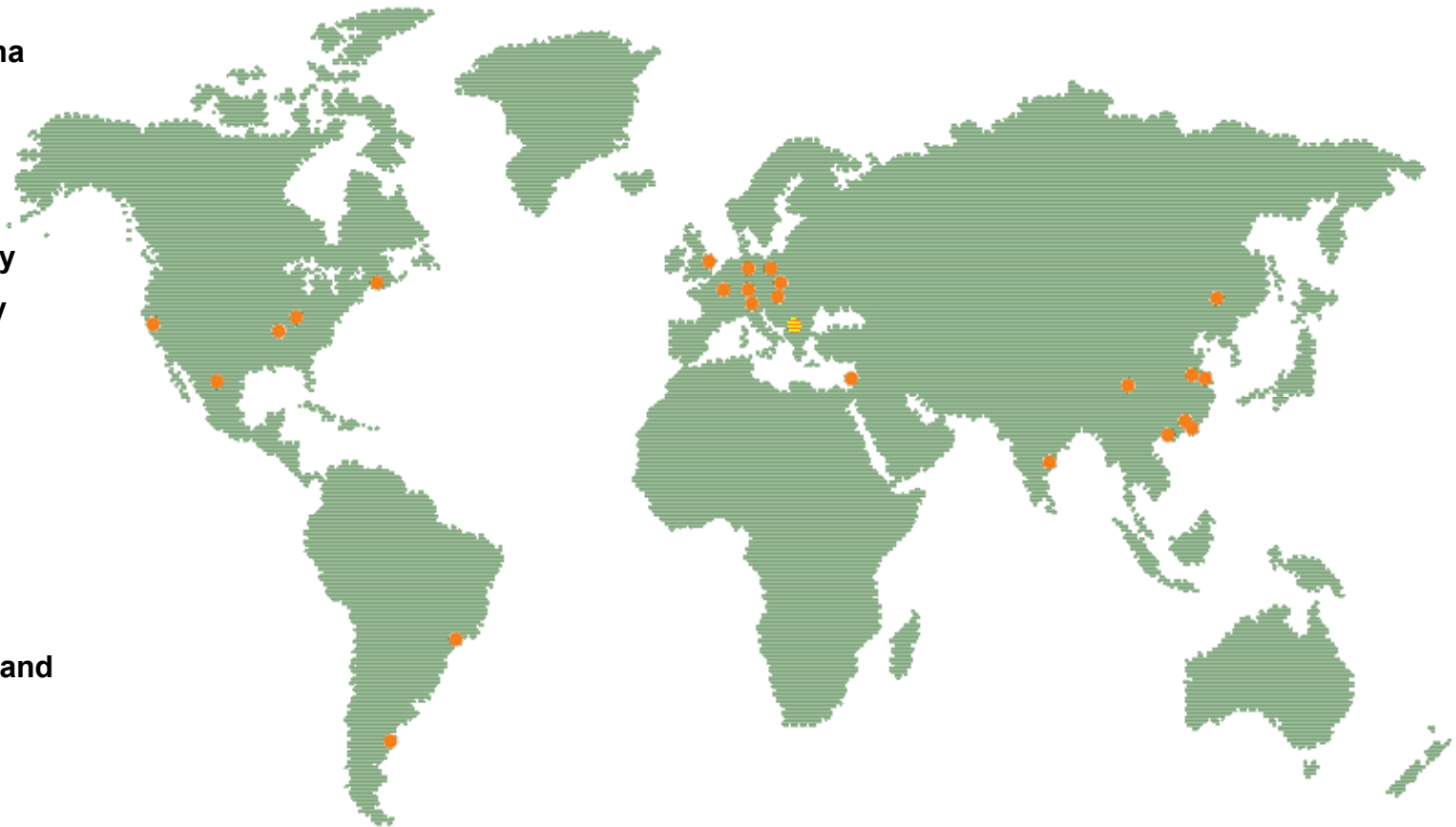
GLOBAL SALES & SUPPORT OFFICES & ENGINEERING CENTERS

- ▶ Argentina
- ▶ Austria
- ▶ Belgium
- ▶ Brazil
- ▶ China
- ▶ France
- ▶ Germany
- ▶ Hong Kong
- ▶ India
- ▶ Italy
- ▶ Israel
- ▶ Japan
- ▶ Korea
- ▶ Netherlands
- ▶ Singapore
- ▶ Switzerland
- ▶ UK
- ▶ USA



WORLDWIDE MANUFACTURING

- ▶ Argentina
- ▶ Brazil
- ▶ China
- ▶ France
- ▶ Germany
- ▶ Hungary
- ▶ India
- ▶ Italy
- ▶ Israel
- ▶ Mexico
- ▶ Poland
- ▶ Serbia
- ▶ Switzerland
- ▶ UK
- ▶ USA



APPENDIX: NEW PRODUCTS

IPG – MEDICATION DOSING SUBSYSTEMS

IPG – CIRCULATOR PUMP FOR CONDENSING BOILERS



"Technology Leadership"

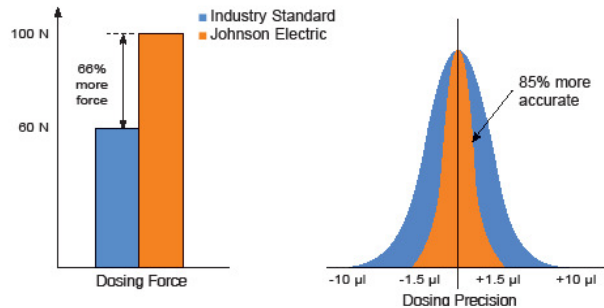
- Light weight & compact size
- Highest dosing force
- Highest dosing precision
- Low power consumption

"The Safe Choice"

- Support fail safe control
- Precision system experience
- Design and manufacturing vertical integration
- FDA development process & ISO 13485 Certified



Miniature Precision Hormone Dosing System



"Technology Leadership"

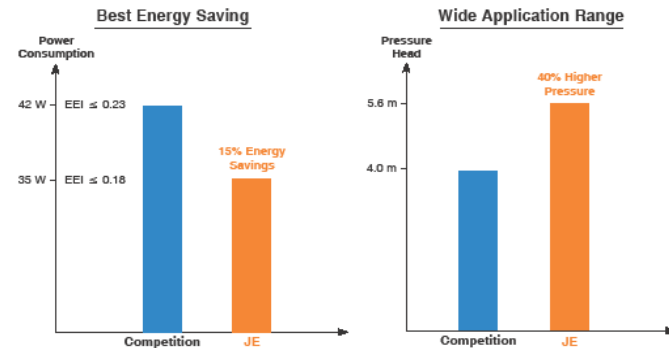
- Exceeds 2015 EEI energy standard
- Highest pressure & flow rate for EEI standards
- Low noise operation
- Compact size

"The Safe Choice"

- EN60335-1 & 2 safety compliance
- Rigorous application based testing
- Johnson Electric Production System for reliability
- Assurance of supply globally



Circulator Pump for Condensing Boilers



IPG – BRUSH ROLLS MOTORS

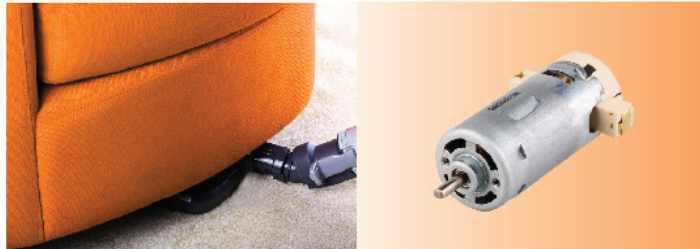


"Technology Leadership"

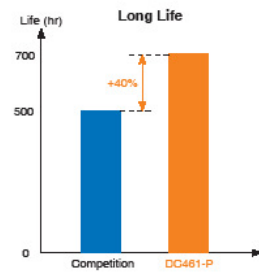
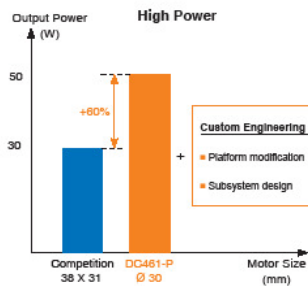
- Compact for improved access
- Light weight for ease of use
- High power for improved floor care
- High efficiency for reduced power budget

"The Safe Choice"

- Long life for extended product warranty
- Industry leader in floor care motor technology
- Rigorous application testing
- Assurance of supply



Powerful Motor Platform for Compact Brush Rolls



IPG – INSULIN PUMPS



"Technology Leadership"

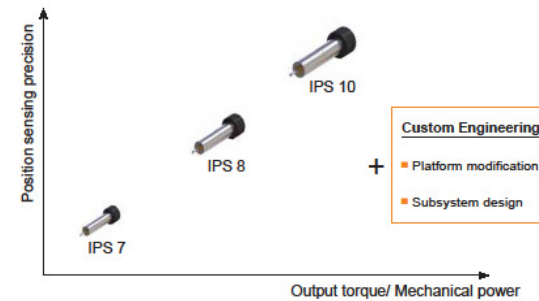
- Compact planetary gearbox drive
- Consistent torque for accurate dosing
- Highest resolution position sensing
- Robustness for portable devices

"The Safe Choice"

- Custom component design expertise
- Vertical integration for process control
- FDA compliant development process
- Assurance of supply



Miniature Drive Platform for Insulin Pumps



IPG – MAGNETIC LATCHING SOLENOIDS

IPG – CORDLESS IMPACT WRENCHES MOTORS

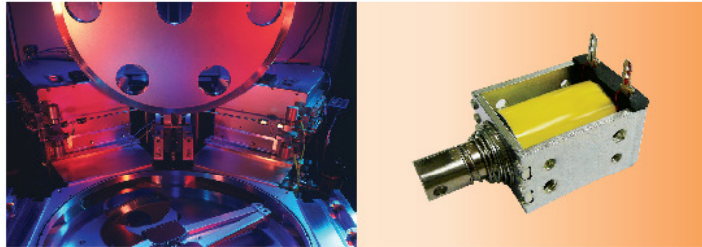


"Technology Leadership"

- Strongest magnetic latching solenoids
- High power density
- Compact size
- Custom battery software performance

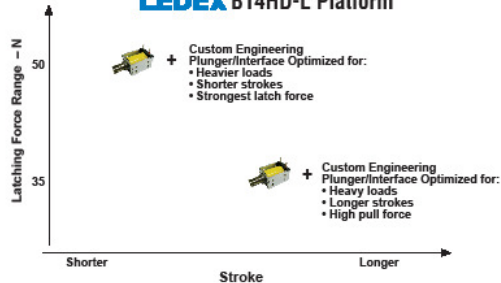
"The Safe Choice"

- Latches in energized position with power off
- Highest holding force for tamper resistance
- Latching solenoids from the industry leader
- Custom engineering for unique applications



Custom Magnetic Latching Solenoids for Industrial Instrumentation

LEDEX B14HD-L Platform



"Technology Leadership"

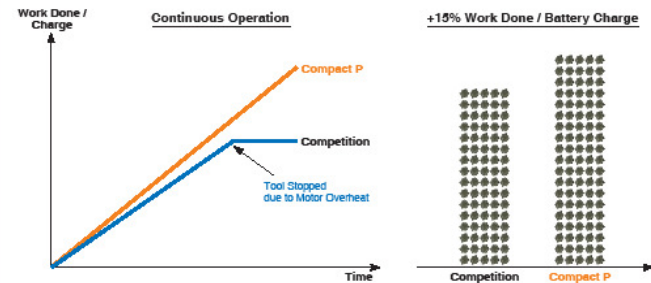
- Instant torque for toughest jobs
- Highest power for battery operation
- High heat rejection for continuous operation
- Highest efficiency for long battery run time

"The Safe Choice"

- Design platform for professional tools
- Industry leader in power tool motor technology
- Robust and reliable design
- Rigorous application testing




High Torque Motor for Cordless Impact Wrenches



IPG – TOUGH SEAL SWITCHES

IPG – PROFESSIONAL POWER TOOL MOTORS





"Technology Leadership"


- Unique high performance sealing system
- Exceeds IP67 (tested under water)
- Correct seating indicator (seal quality)
- Seating anchor for secure installation

"The Safe Choice"



- Over 500 million sealed switches shipped
- Custom engineered for outdoor applications
- Assurance of supply (JE Production System)
- Tested for extreme environments

Tough Seal Switch for Outdoor Power Equipment



Customization

<p>TS+ Platform</p> 	+	<p>Level 2 Custom Engineering</p>	<ul style="list-style-type: none"> ▶ Complete sealing ▶ Seating indicator ▶ Custom rocker + color ▶ Custom illumination
<p>TS Platform</p> 	+	<p>Level 1 Custom Engineering</p>	<ul style="list-style-type: none"> ▶ Complete sealing ▶ Custom rocker ▶ Custom color



"Technology Leadership"

- Highest power density for professional segment
- Highest efficiency for longest battery run time
- Compact design for handheld tools
- Custom engineered to exact requirements

"The Safe Choice"

- Industry leader in power tool motor technologies
- Dust protection feature
- Rigorous application testing
- Long life




E8 Motor Platform

Compact EC™ for Professional Power Tools



Work Done / Battery Charge



Motor Type	Work Done / Battery Charge
Existing BLDC	1.0
Compact EC	1.15 (+15%)

60% More Power



Torque (mNm)	Existing BLDC Power (W)	Compact EC Power (W)
0	0	0
1000	500	800 (+60%)
1600	0	0

IPG – ATM GEARMOTORS

IPG – TIPPMATIC SWITCHES



"Technology Leadership"

- High torque for fastest notes per second
- High precision control
- Dynamic response for fast start/stop
- Compact size

"The Safe Choice"

- Custom engineered to exact requirements
- Industry leader in ATM motion solutions
- Extensive application experience
- Johnson Electric Production System




Custom Gearmotors for ATM & Currency Handling



JOHNSON MOTOR

www.johnsonelectric.com



"Technology Leadership"

- Zero stand-by power
- Exceeds ErP requirements
- Patented switch technology
- Unique double disconnect design

"The Safe Choice"

- Automatic power-off
- 40 years' experience in coffee machine switches
- Leader in coffee machine power-off switches
- Global assurance of supply and on-time delivery




Auto Power-off Switches for Coffee Machines
TIPPMATIC®

TIPPMATIC® Timer
timer version



TIPPMATIC® iF
interface version



TIPPMATIC® iFD
interface + double disconnect



IPG – GAS METER VALVE

APG – POWER SEAT MOTORS



"Technology Leadership"

- Highest grid efficiency with zero pressure drop
- Lowest current, longest battery life
- Tamper proof & compact
- Designed for Europe and Asia

"The Safe Choice"

- Leader in gas shut-off valve technology
- Fully open and closed position indication
- ATEX zone 1 and 2 compliant
- Global assurance of supply and delivery




Custom Shut-off Valves for Pre-paid Gas Meters





saia GMPC

- ▶ Compact ball valve
- ▶ Zero pressure drop



saia GMPS

- ▶ Valve + Sensor
- ▶ Position detection
- ▶ Compact ball valve
- ▶ Zero pressure drop



saia GMPI

- ▶ Valve + Sensor
- ▶ Integrated control
- ▶ Position detection
- ▶ Compact ball valve
- ▶ Zero pressure drop

Performance ↑

System Integration →



"Technology Leadership"

- Compact size
- Light weight
- Low vibration
- Advanced EMC suppression
- Clear and consistent position signal

"The Safe Choice"

- Custom engineered to exact requirements
- Rare earth free magnet
- Technology leader for power seat adjustment
- Rigorous application and environmental testing
- Johnson Electric Production System (JEPS)




Compact Motor Platforms for Seat Adjustment





Model	Size (mm)	Weight (g)
C-H350	30	280
C-E450	33	330

APG – PNEUMATIC LUMBAR SUPPORT MOTORS

APG – POWER TAILGATES MOTORS



"Technology Leadership"

- First integrated pump (pump head / motor / EMC circuit)
- Compact size
- Low noise
- Advanced EMC suppression

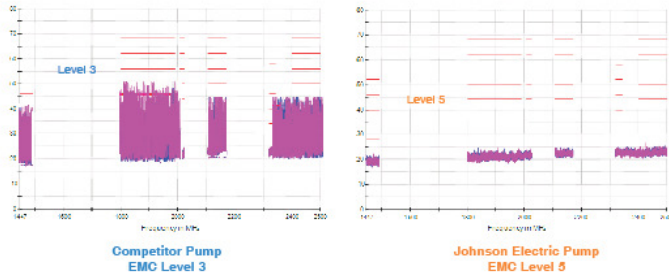
"The Safe Choice"

- Industry leader for motor & EMC technology
- Rigorous pump testing
- Johnson Electric Production System
- Global manufacturing footprint



Pneumatic Pump

Advanced EMC Suppression for Pneumatic Lumbar Support



"Technology Leadership"

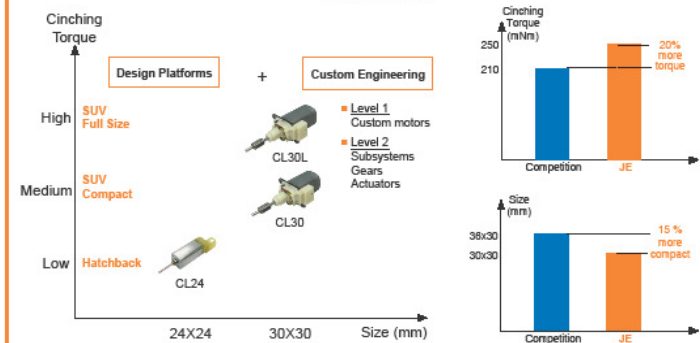
- Compact size
- High power & torque
- Improved sound quality
- Supports IP63 actuator design

"The Safe Choice"

- Automotive motor technology leader
- Rigorous application testing
- Johnson Electric Production System
- Global manufacturing footprint



Custom Cinching Latch Motors for Power Tailgates



APG – ELECTRIC POWER STEERING MOTORS

APG – ELECTRIC PARKING BRAKE MOTORS

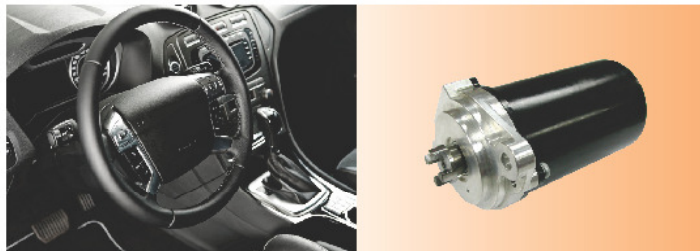


"Technology Leadership"

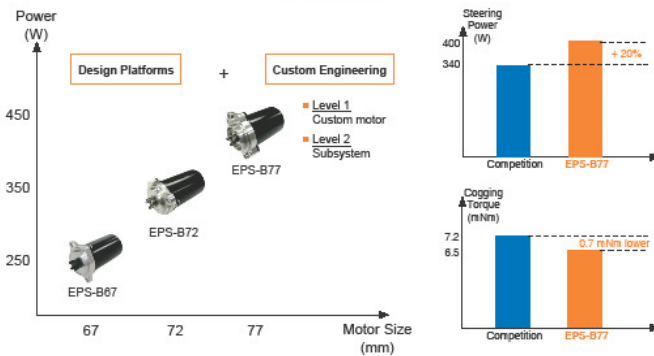
- Low cogging torque
- Light weight & compact size
- High steering power
- High power density brush motor

"The Safe Choice"

- Industry leader in motor technology
- Fail safe motor design
- Rigorous application testing
- Johnson Electric Production System



High Power Brush Motor for Electric Power Steering



"Technology Leadership"

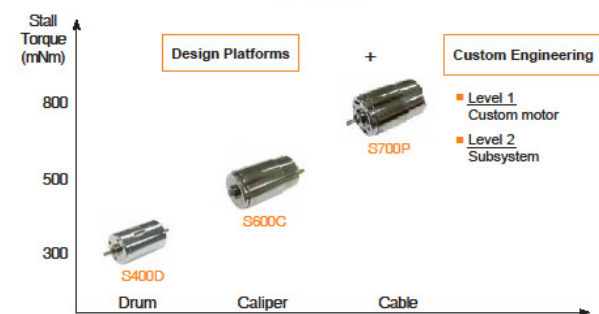
- High braking torque & compact
- Long operation life cycles
- Low noise
- High EMC suppression

"The Safe Choice"

- Automotive motor technology leader
- Proven parking brake experience
- Johnson Electric Production System
- Global manufacturing footprint



Custom Engineered Electric Parking Brake Motor



APG – SEATBELT PRETENSIONER MOTORS

APG – POWER LIFTGATE DRIVES



"Technology Leadership"

- Fast response
- High torque
- Consistent current
- Compact size

"The Safe Choice"

- Industry leader in motor technology
- Robust fail safe design
- Rigorous application testing
- Johnson Electric Production System




Fast Response Seatbelt Pretensioner Motors




Motor Platforms

+

Custom Engineering



Diameter-Ø 36



Starting Torque
(mNm)

550

450

Size(mm)



"Technology Leadership"

- Smallest diameter
- High driving & holding torque
- High EMC suppression
- Position sensor integrated

"The Safe Choice"

- Custom solutions
- Technology leader for power liftgate drives
- Rigorous application and environmental testing
- Johnson Electric Production System




Compact Drive Platform for Power Liftgate Struts



Motor Platforms

+

Custom Engineering

SUV Full Size

PLE- G22

+

SUV Compact

PLH- G22

+

Car Hatchback

PLS- G22

Torque
(Nm)

7.5

3.5

2.5

Diameter (mm)

24

29

Group Overview

Key Financial Highlights

Operational Results

Outlook

Appendix

FY2014/15 June Qtr Updates

SALES GROWTH BY BUSINESS

Sales Growth/(Decline) % Excluding Nonrecurring Items and Currency Effect

		APG	IPG	Total
FY2014/15	Q1	5.3%	2.7%	4.5%
FY2013/14	Q4	6.7%	1.8%	5.2%
	Q3	12.0%	(3.5%)	6.6%
	Q2	5.6%	(6.4%)	1.3%
	Q1	2.3%	(8.0%)	(1.3%)
FY2012/13	Full Year	5.8%	(8.1%)	0.6%

DISCLAIMER

This presentation contains certain forward looking statements with respect to the financial condition, results of operations and business of Johnson Electric and certain plans and objectives of the management of Johnson Electric.

Words such as “outlook”, “expects”, “anticipates”, “intends”, “plans”, “believes”, “estimates”, “projects”, variations of such words and similar expressions are intended to identify such forward-looking statements. Such forward looking statements involve known and unknown risk, uncertainties and other factors which may cause the actual results or performance of Johnson Electric to be materially different from any future results or performance expressed or implied by such forward looking statements. Such forward looking statements are based on numerous assumptions regarding Johnson Electric’s present and future business strategies and the political and economic environment in which Johnson Electric will operate in the future.