

YEONG LONG TECHNOLOGIES



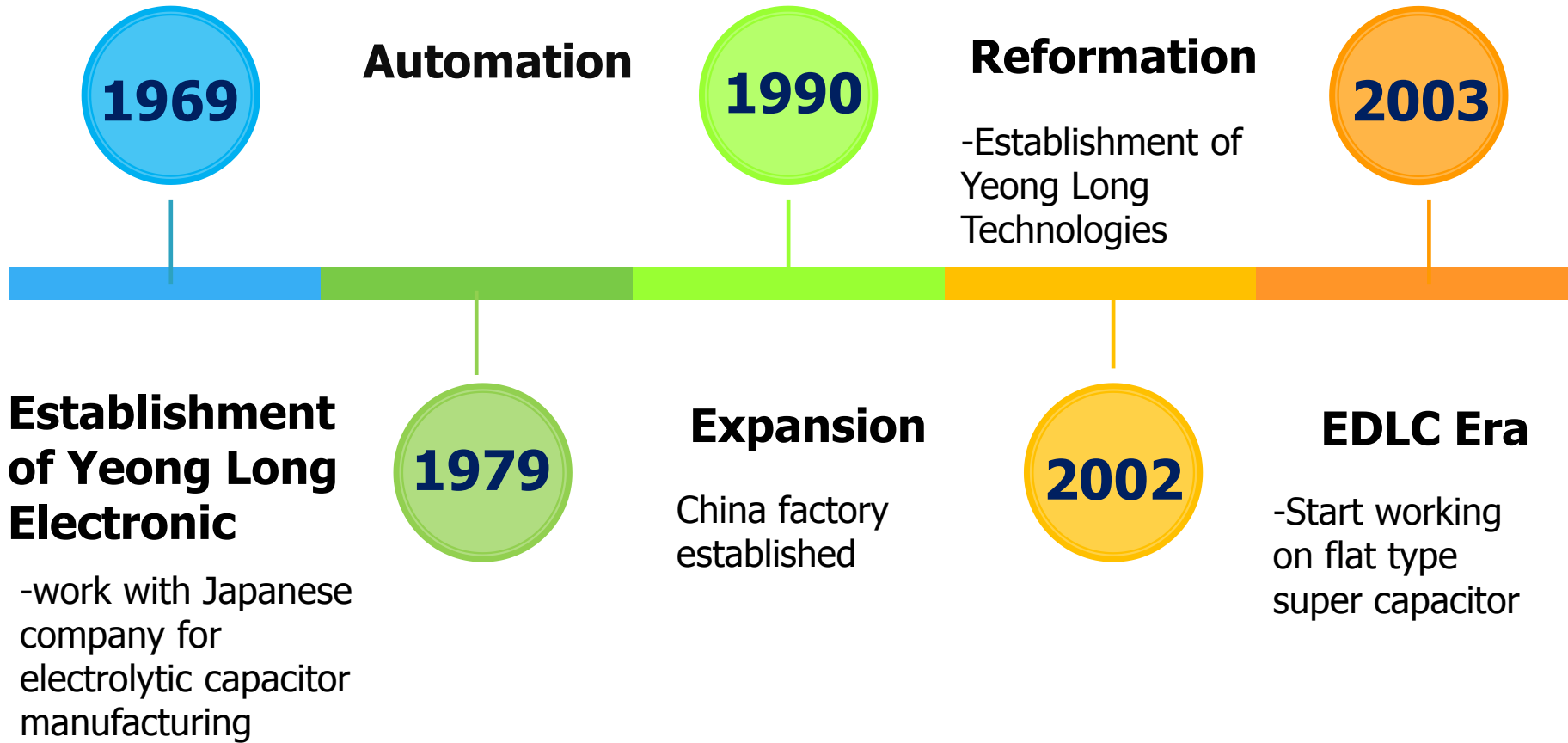
2023/11

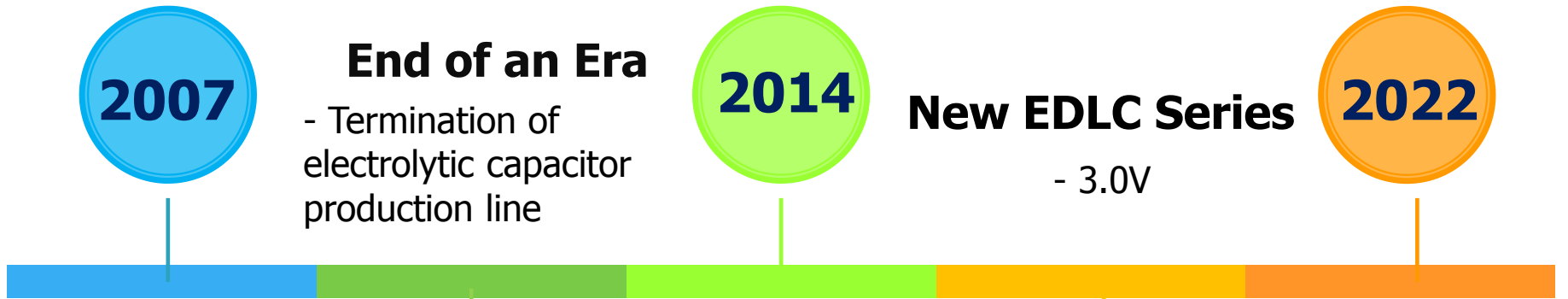
Establishment: 1969

Employee: 110+

Product: Super Capacitor (EDLC)







2007

End of an Era
- Termination of electrolytic capacitor production line

2014

New EDLC Series
- 3.0V

2022

EDLC Mass production

- Radial type

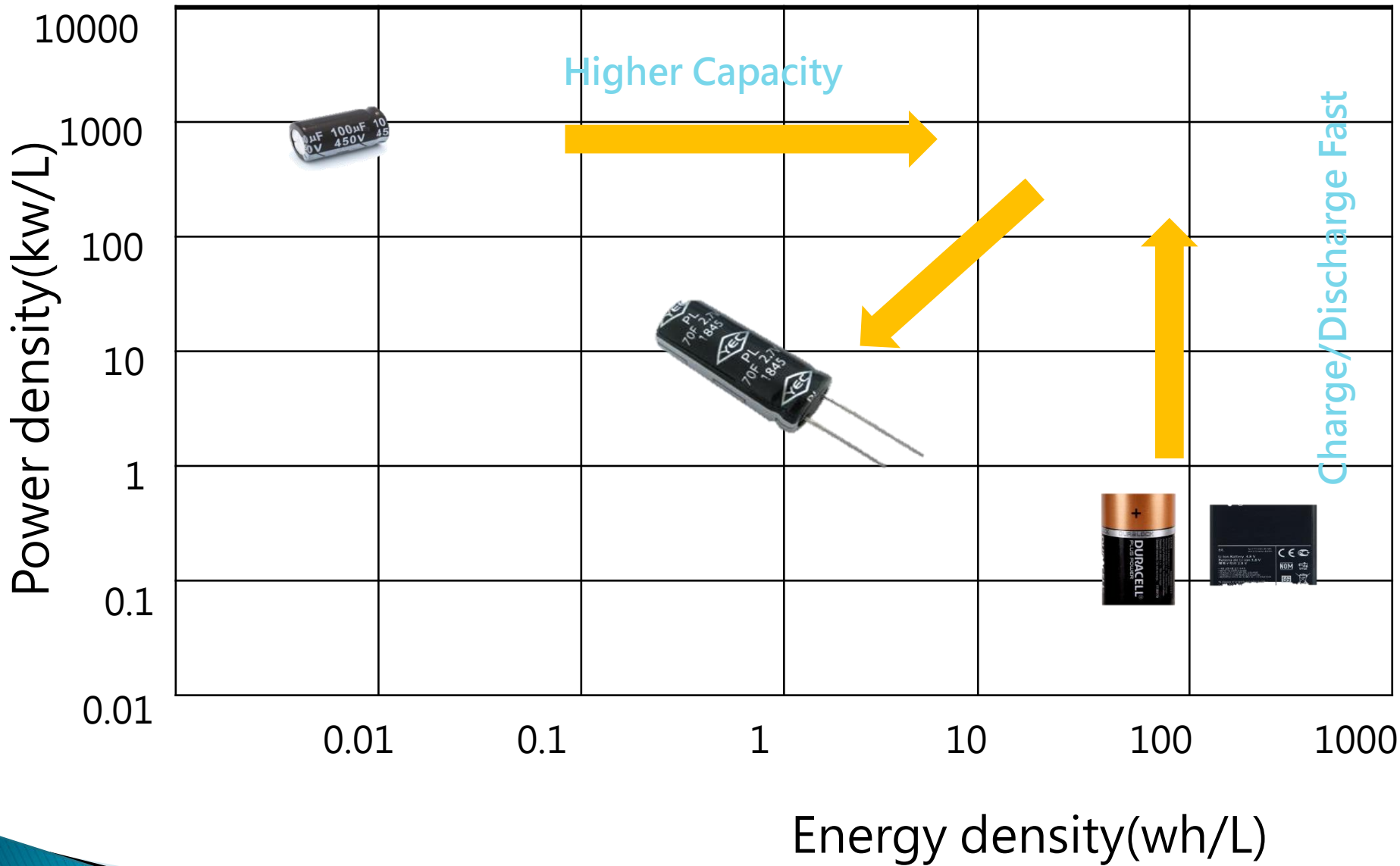


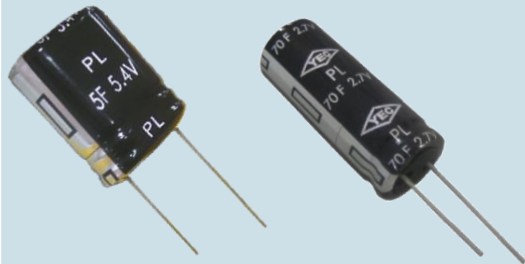
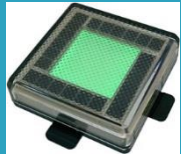
2008

New EDLC Series
- High Temperature

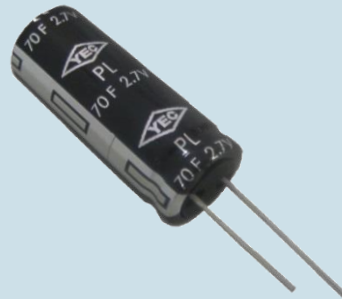
2021

ISO 14001





0.25~28F



30F~70F



100F~

Consumer Electronic

- ▶ Backup power for varies consumer/industrial device (UPS)
- ▶ Power storage
- ▶ Smart Meter (water/electricity/gas)
- ▶ Handheld power tools/device
- ▶ Driving recorder



Power buffer for low-power equipment

- ▶ RAM
- ▶ SRAM
- ▶ PC Card



AGV/AMR

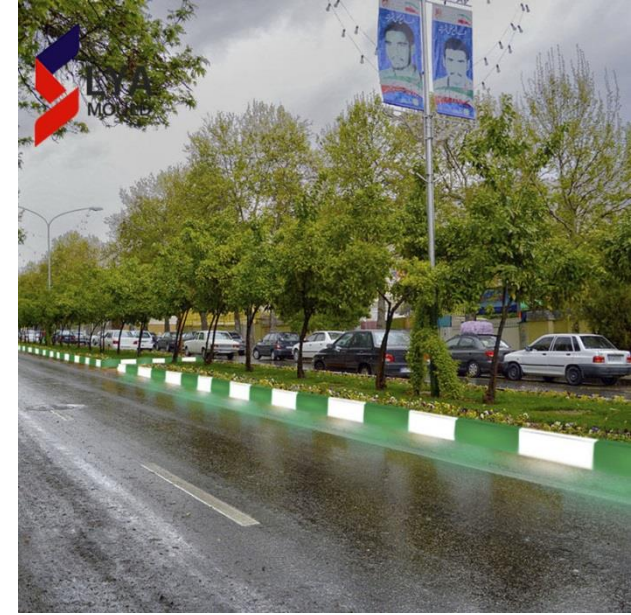
- ▶ Automated Guided Vehicle ; AGV
- ▶ Autonomous Mobile Robot ; AMR



Lighting

Street light powered by solar panel

- Save grid power consumption
- Environmental friendly
- Not affected by massive power outages
- Reduced wire usage, beautiful urban environment
- Save on government monthly electricity bills



Surveillance systems

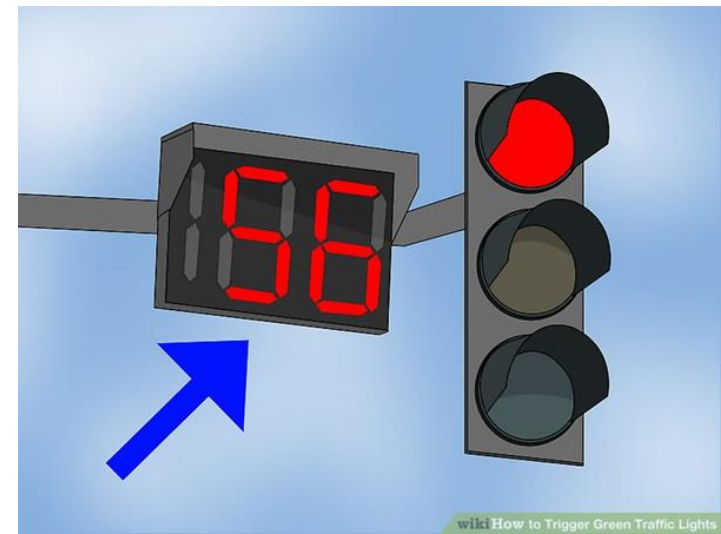
- ▶ Photos/videos can be sent back to the center via wireless signal for unified storage after shooting



Traffic Signal

Solar traffic signal module

- ▶ Save grid power consumption
- ▶ Environmental friendly
- ▶ Reduced wire usage
- ▶ Reduce impact of large-scale power outages and improve safety
- ▶ With LED lights, the marking is clearer



Photovoltaic system

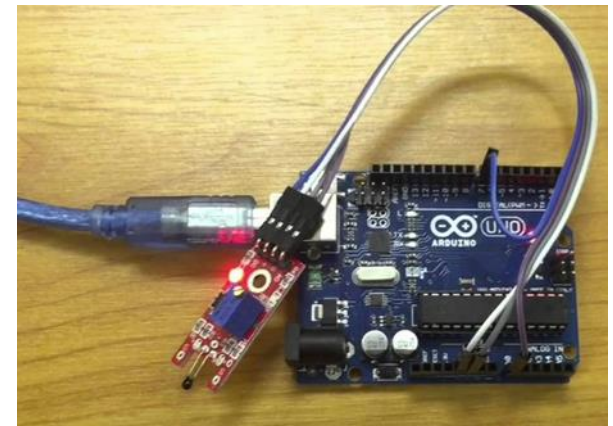
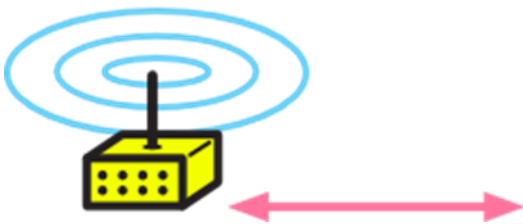
- ▶ Environmental friendly
- ▶ Reduce possible power outage



Signal Transmission

Provides necessary burst energy to transmit signal

- ▶ Motion sensor
- ▶ Temperature sensor
- ▶ Humidity sensor
- ▶ Brightness sensor



Electric Vehicle

- ▶ Electric car
- ▶ Electrical motorbike
- ▶ Electric bicycle



Energy recovery and regeneration

- ▶ Wind turbine pitch system
- ▶ Electric bus
- ▶ Recover energy during braking of train
- ▶ Cranes, forklifts and tractors



Others

Medical

- ▶ Defibrillators

Aviation

- ▶ power emergency actuators

Military

- ▶ supports applications that require short-term high currents



YEC ROADMAP

High Temperature

- Voltage 2.3~2.5V
- Working Temp 105°C

Long Life

- Voltage 2.3~2.7V
- Life 2500~3000hrs

2023

2024

2025

2026

Production Automation

- Diameter 8~12.5Φ
- Improve productivity and product stability

Large Cell

- High current
- Capacitance 3000F or more



Power your Life



E.D.L.C

Electric Double Layer Capacitors

Thank you!