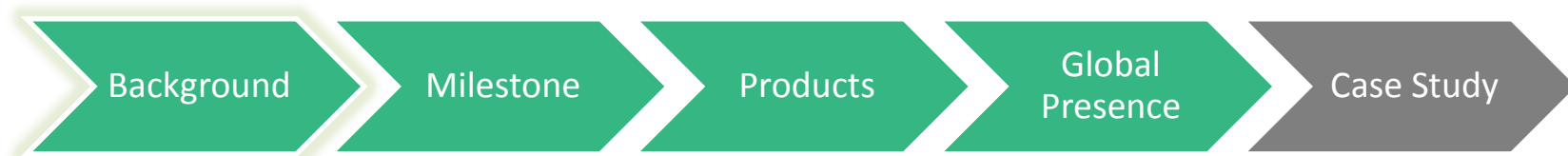




PYLON
TECHNOLOGIES
COMPANY PRESENTATION
2019



01

02

03

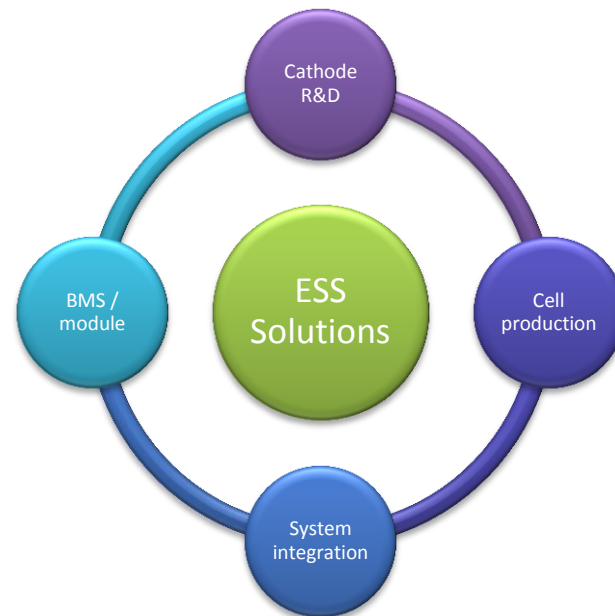
04

05

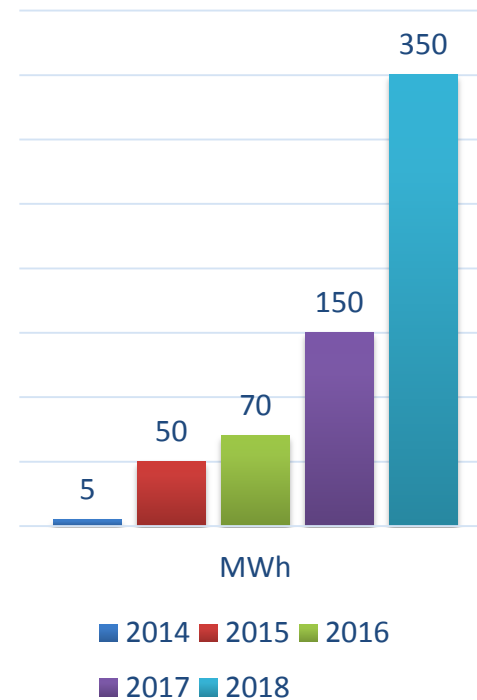
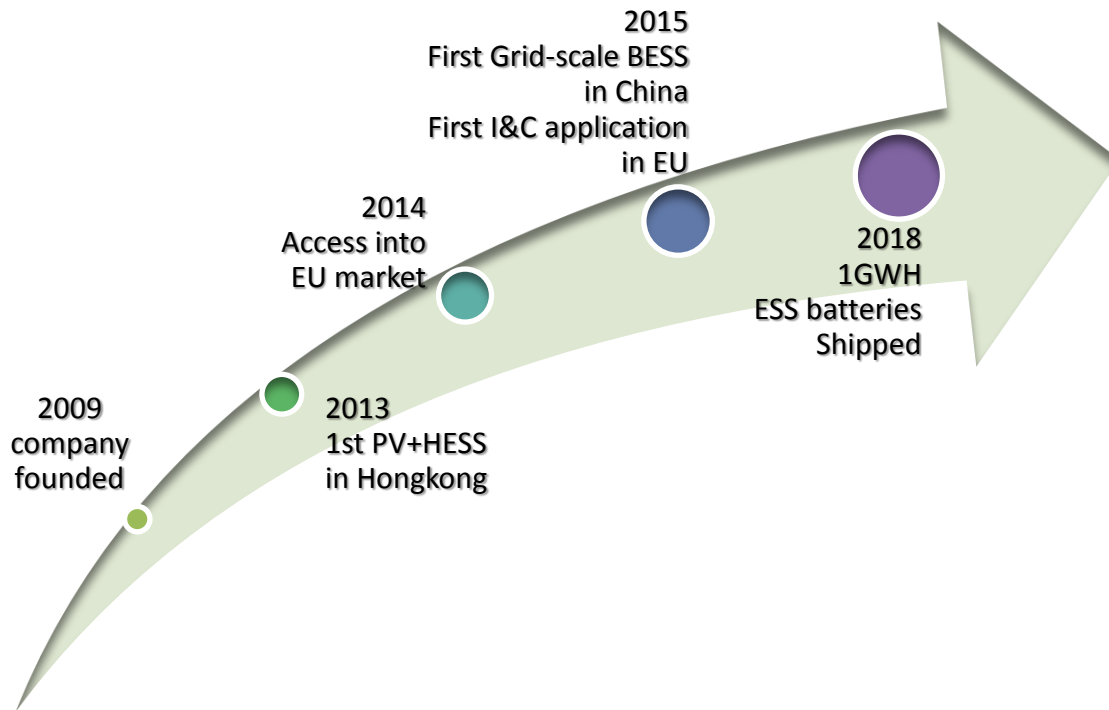
Pylontech is a unique company with vertical integration of all technologies needed for ESS (Energy storage system) including cathode material, lithium cell, BMS and system integration. With self developed key technologies and dedication to ESS applications, Pylontech had been pioneering the global ESS market from 2013.

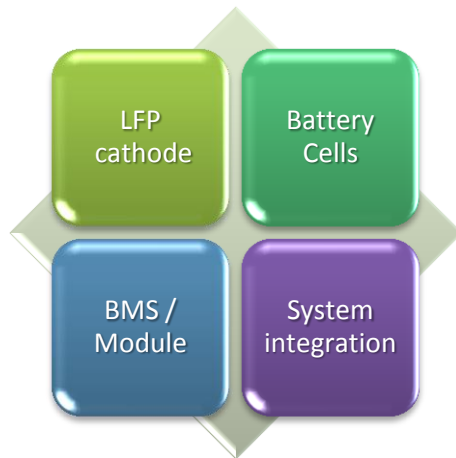
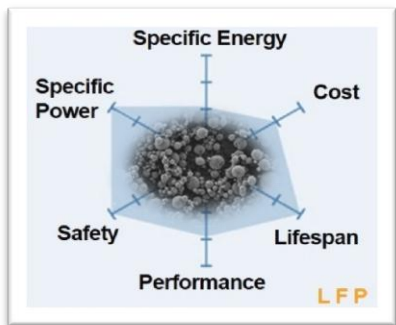
With more than 1.5 GWh serving 90,000+ users. in 30 countries until end 2018, Pylontech is proudly contributing our strength in changing the way people generating, transferring and using the electricity.

We strongly believe the bright future of human being will be achieved with greener and more efficient power systems.



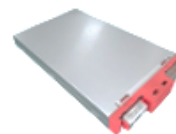
Founded in 2009



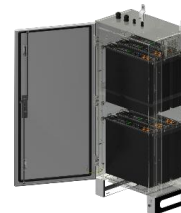


- Easy installation
- Flexible scalability
- Vast compatibility
- High reliability

PRODUCTS



- Extreme safety
- Real longevity



- Residential ESS
- C&I ESS
- Utility-scale BESS

1000V

Industrial

Powercube-20H/40H
Up to 3.3MWh per container



Commercial

Powercube-M series
Up to 175kWh per string
Up to 32 strings per system
Up to 1C-rate continuous operation



Light Commercial

Powercube-H series
Up to 45kWh per string
Up to 6 strings per system



Areal

400 - 500V

Powercube-X series Force-H1
Up to 25kWh per string



Typical Residential

48V

US series Phantom-s
Up to 25kWh per string
Up to 5 strings per system



UPS Backup

24V

UP series
Up to 53kWh per string



Global Presence





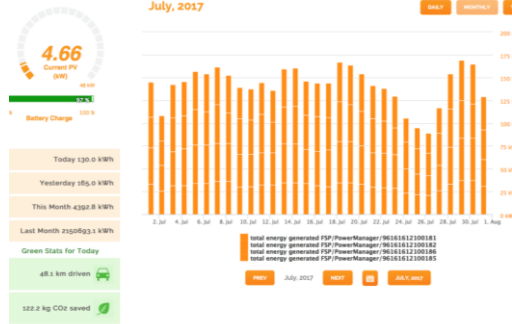
05

CASE STUDY



Location: Germany

- Application: Real estate Calorifier
- Configuration.: 20*US2000B, 48kWh
- Date: 04. 2017





Location: Australia

- Date: 02. 2017
- Purpose: Household Consumption
- Config.: 12*US2000B, 28.8kWh
- Inverter: Selectronic SPMC482
- Energy Source: PV



Location: Philippine

- Date: 11. 2016
- Purpose: Household Consumption
- Configuration.: 8*Phantoms, 19.2kWh
- Energy Source: PV



Location: Spain

- Date: 3. 2019
- Purpose: Household Consumption
- Configuration.: 12*US200, 28.8kWh
- Energy Source: PV





Location: Spain

- Date: 11.2017
- Purpose: Household Consumption
- Config.: 8* US2000B PLUS, 19.2kWh
- Inverter: IMEON
- Energy Source: PV

Location: South Africa

- Date: 11.2017
- Purpose: Household Consumption
- Config.: 12*US2000B PLUS, 28.8kWh
- Inverter: Axpert 5KVA
- Energy Source: PV



Location: South Africa

- Date: 6.2018
- Purpose: Factory
- Config.: 30*US2000B, 72 kWh
- Inverter: Victron
- Energy Source: PV



Location: Netherlands

- Date: 1.2019
- Purpose: Household Consumption
- Config.: 3*US2000B PLUS,7.2kWh
- Inverter: Studer
- Energy Source: PV





Location: South Africa

- Date: 06.2019
- Purpose: Household Consumption
- Config.: 2*US2000B PLUS, 4.8kWh
- Inverter: Goodwe
- Energy Source: PV

Location: Morocco

- Date: 3.2019
- Purpose: Back Up
- Config.: 4*US2000B, 9.6kWh
- Inverter: GoodWe
- Energy Source: PV



Location: Dubai

- Date: 6. 2019
- Purpose: Household Consumption
- Config.: 18*US2000,38.4kWh
- Inverter: Steca
- Energy Source: PV





Location: Australia

- Date: 08. 2019
- Purpose: Farm
- Config.: 20x US2000/ 48KWh
- Inverter: Selectronic
- Energy Source: PV + Grid

Location: Brazil

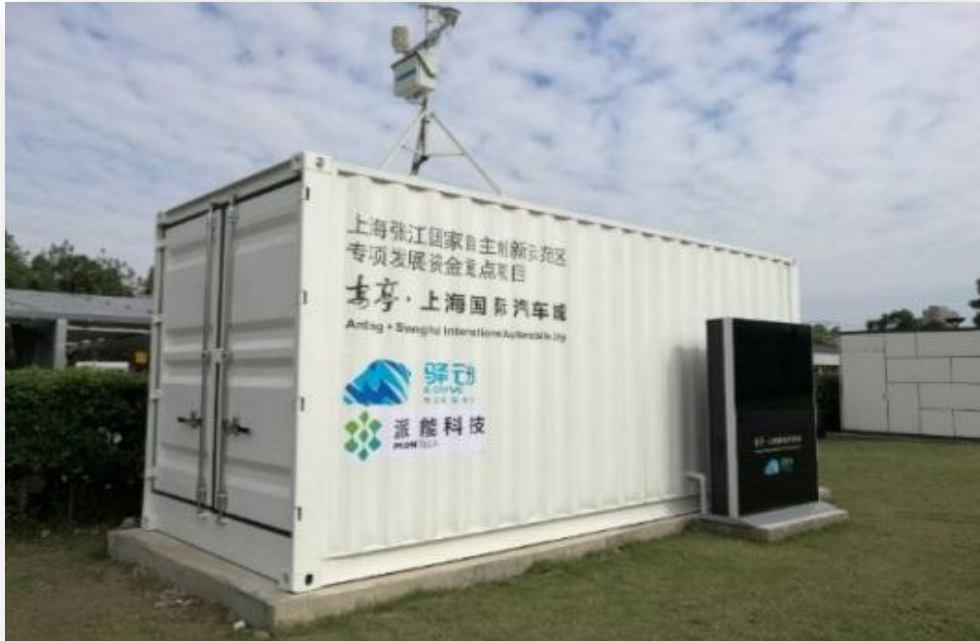
- Date: 07. 2018
- Purpose: Commercial ESS (Hotel)
- Config.: 2x Powercube M1 / 220KWh
- Inverter: SINEXCEL PCS 100KW
- Energy Source: PV + Grid



Location: Czech Republic

- Date: 11. 2017
- Purpose: Peak Shaving
- Config.: 1*Powercube M1, 108.9kWh
- Energy Source: PV





Location: Shanghai

- Date: 10. 2016
- Purpose: EV charge platform
- Config.: 14*H48074, 49.8kWh
- Energy Source: PV

Location: North Asia



- Smart Mirco Grid ESS
- 100kva Diesel Generator,
- 150kw PV Power Plant,
- 500kwh Pylontech Battery ESS



Location: South-east Asia

- Date: 09. 2017
- Purpose: Micro grid
- Config.: 624kWh
- Energy Source: PV + DG





Location: Chile

- Date: 3. 2019
- Smart Micro Grid ESS
- Config.: 2*Powercube H1, 57.6kWh
- Energy Source: PV





Location: Bologna Italy

- Date: 4. 2019
- Smart Mirco Grid ESS
- 50kw PV Power Plant,
- 210 kwh Pylontech Battery ESS
- Largest installation in local



Location: Czech Republic

- Date: 08. 2019
- Purpose: Back up
- Config.: 360 kWh
- Energy Source: Grid





Location: Shanghai, China

- Date: 08. 2019
- Purpose: Data Centre Back up
- Config.: 1.7MWH
- Energy Source: Grid



Location: Australia

- Commercial System
- 9 racks * H1 system
- 12pcs H48050 per rack



THANK YOU