



ABOUT US

South America's largest battery manufacturing hub and one of the most advanced in the world











BEST-SELLINGTOP OF MIND

among our consumers in Brazil, Argentina and Uruguay.



MOURA'S ENERGY

+40 YEARS OF CIRCULAR ECONOMY

100% aftermarket battery – scrap collection



GLOBAL TECHNOLOGICAL PARTNERSHIPS







RESEARCH & DEVELOPMENT

Non-profit independent R&D institute

+10 years of research and development

40+ team focused on developing future technologies & business models



Intelligent charging systems



EV chargers connected to BESS



Monitoring IoT



CLEAN ENJERGY TRANSITION



The world is targeting to reach

70% of its energy source from renewables by 2050



89% of Brazilian electricity is already from renewable sources

Hydropower Biomass and waste Onshore wind Solar PV 10.000 MW 2.000 MW 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030

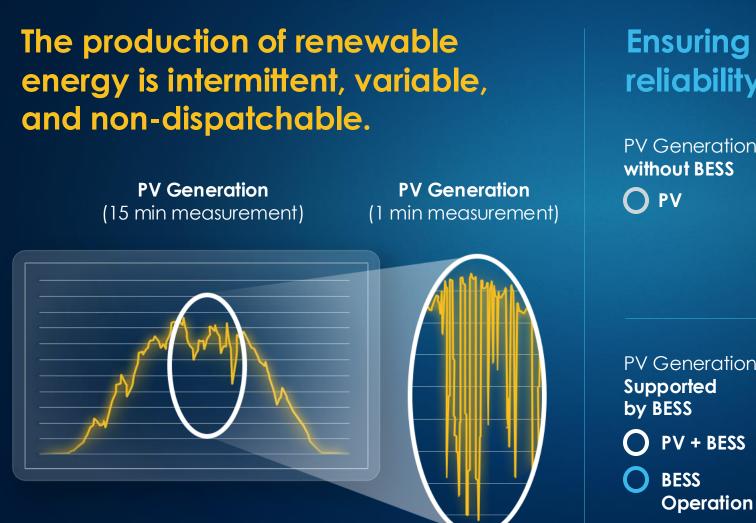
RENEWABLES CAPACITY ADDITIONS

Most of the investments for capacity additions are in renewable.

Brazil will reach, by 2031, **32%** from its power coming from wind and solar

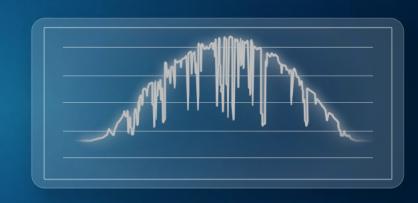
ENERGY TRANSITION AND ITS OPPORTUNITIES

The Role of BESS in Facilitating the Energy Transition

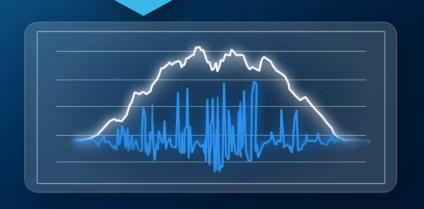


Ensuring dispatchability and reliability of renewable sources.

PV Generation



PV Generation



MOURA ESS – PRODUCT PORFTOLIO

MODULAR DESIGN

240 kWh

LFP

Liquid cooling - 1.0 kV



Energy Arbitrage

Microgrids

Ancillary Services

Power Smoothing

Backup Power

410 kWh

LFP

Liquid cooling - 1.6 kV



Energy Arbitrage

Microgrids

Backup Power

Defense & Special scenarios

150 kWh

PbC

1.0 kV / 1.5 kV









Application: Auxiliary Power backup and PV Power Smoothing at a grid substation

PbC 500 kW / 1700 kWh LFP 250 kW / 430 kWh

APPLICATION NOTES

UTILITY APPLICATION

PV Capacity **900 kWp** PbC BESS Capacity

500kW -1.700kWh LFP BESS
Capacity
250kW -

430kWh

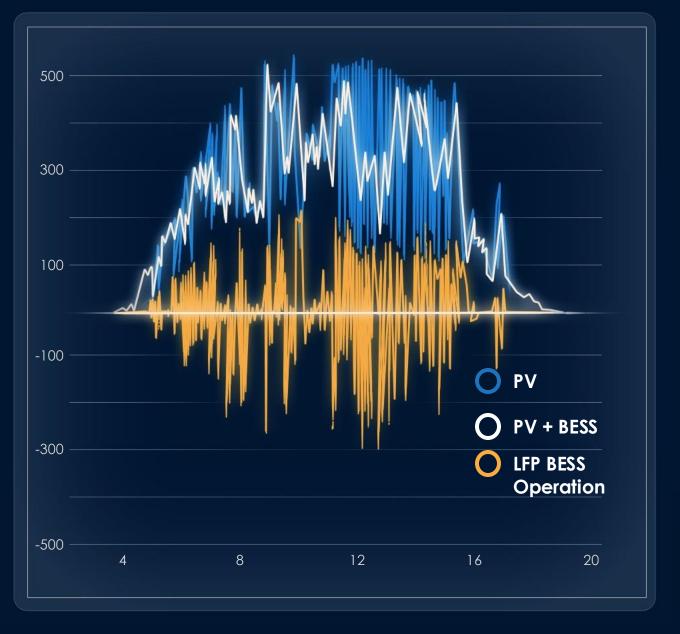


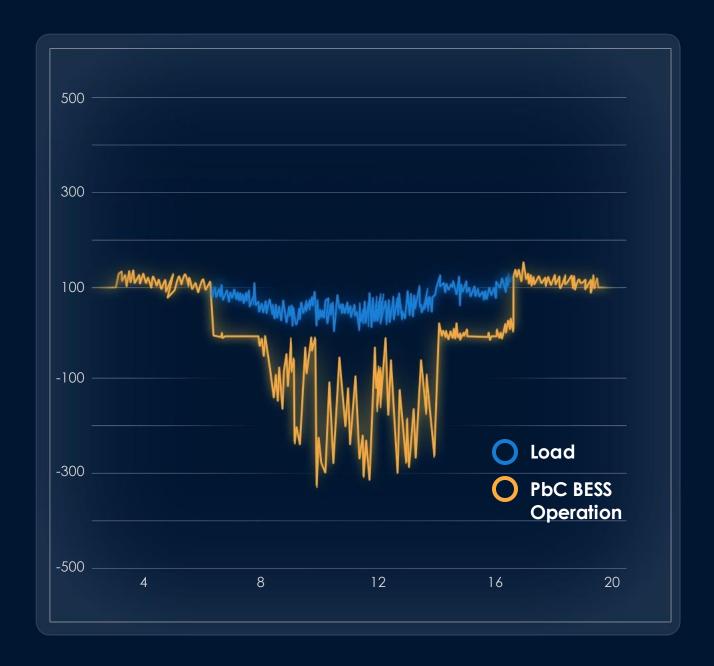


LFP ESS

OPERATION







Pbc ESS OPERATION





DECATHLON

Application: EV Charging Station at a Mall

PbC 100 kW / 250 kWh



Application: Arbitrage and peak shaving in a large scale fruit producer

PbC 500 kW / 900 kWh







Application: Backup power and arbitrage at a water utility company

PbC 500 kW / 1.800 kWh





