CERTIFICATE

OF COMPLETION

This document certifies that

Clovis Aboukheir

has successfully attended the training program

JINKO SOLAR TRAINING WEEK - LEBANESE UNIVERSITY FACULTY OF ENGINEERING

with a comprehensive curriculum covering:

- Fundamentals of solar energy and photovoltaic power generation.
- Overview of modern solar PV technologies and cell architectures.
- Design principles of grid-connected and off-grid PV systems.
- Selection and sizing of solar modules, inverters, and balance of system components.
- Electrical configuration of PV strings and arrays.
- Performance optimization and yield maximization techniques.
- Reliability, durability, and degradation mechanisms of PV modules.
- Quality standards, testing methods, and certification requirements.
- Best practices for installation, operation, and long-term system stability.

M. BARAKAT

Moneef Barakat, MD
Cleantech Terra GmbH
Berlin, Germany

Granted on: 28/12/2025
Certificate ID: 6951194d35ad7e47d4089154