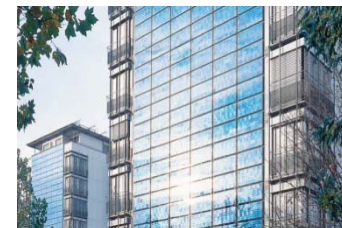
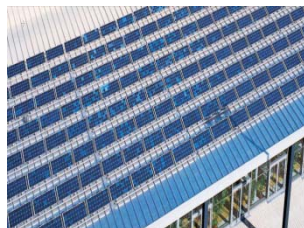
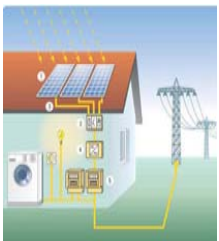




# 18KW Three-Phase Loads Systems (54KW Single-Phase Loads Systems)

## 56,160W Solar PV Array

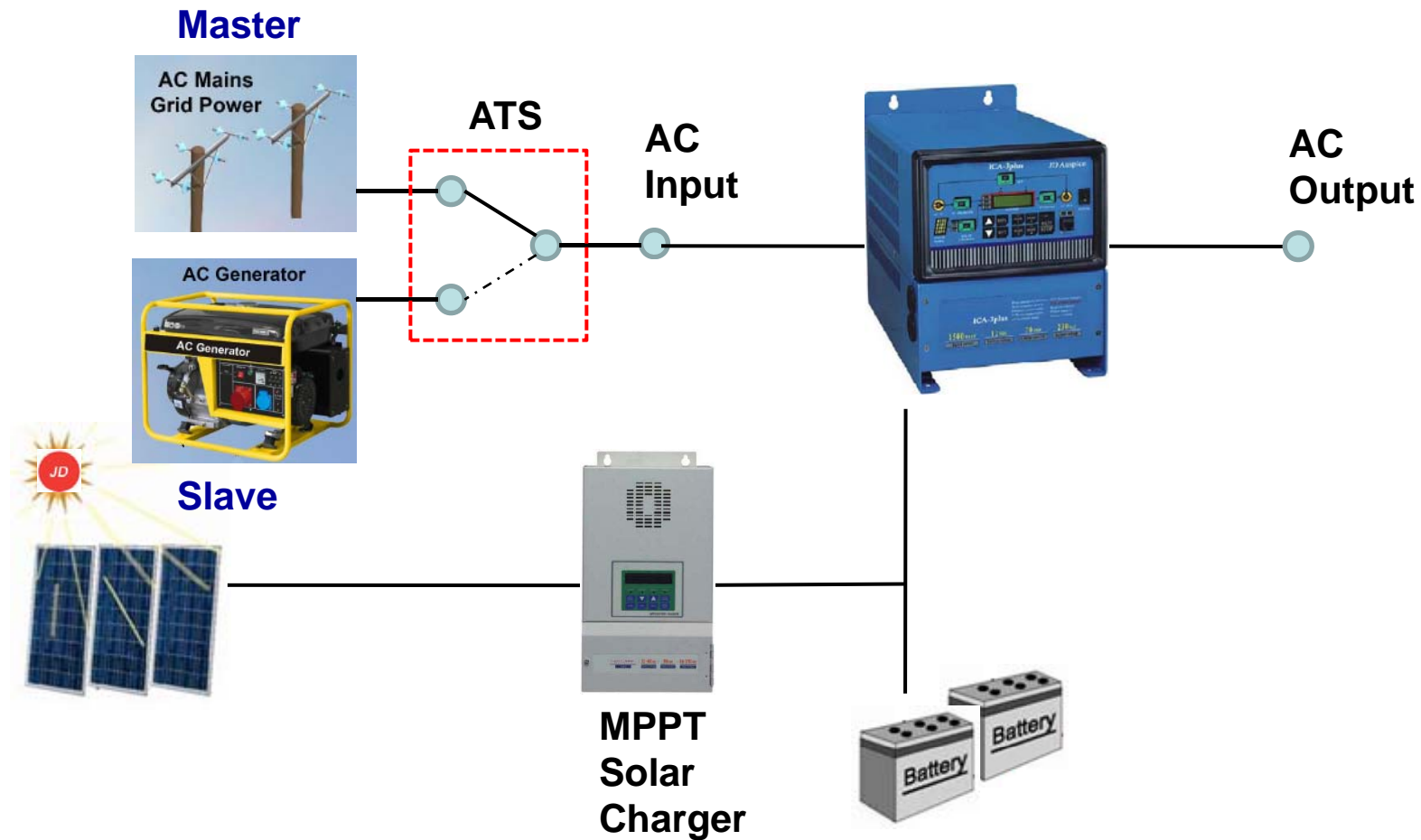


# PV Solar Systems

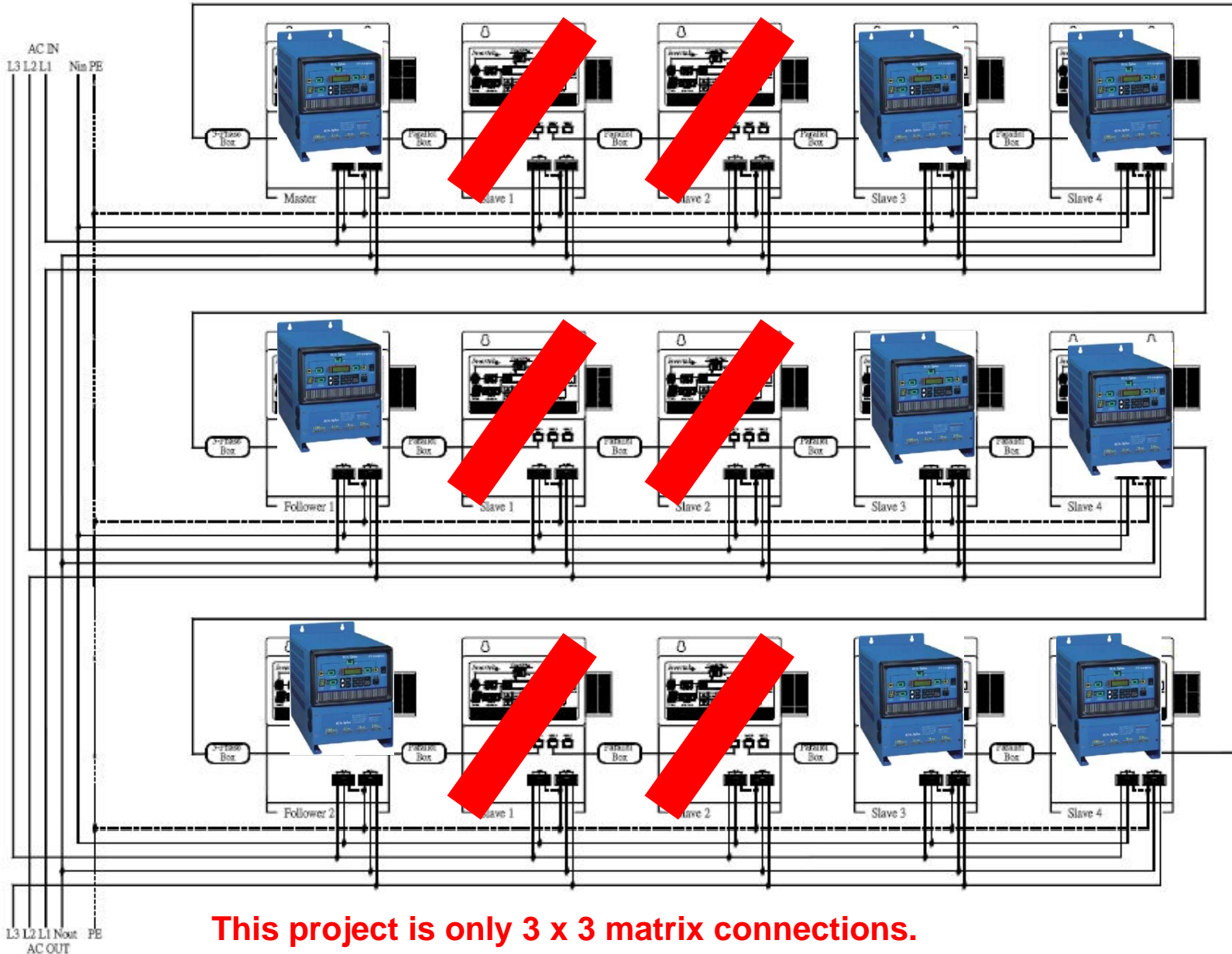
## ■ Required products list below:

- 180W module x 312 pcs
  - PV array capacity : 180W module x 312 pcs = 56160 watt
- **HeliStar J-80C MPPT charge controller x 12 units**
  - J-80C MPPT, 48VDC charge controller per unit can support 4800 watt PV array.
- **ICA-3 Plus-6000-48 inverter x 9 units** with parallel connection packages and three-phase connection packages for 18KW three-phase AC loads
- The system can support **18KW unit three-phase AC load** and load shall not exceed 18KW total power for the three-phase loads.
- Batteries' capacity : 6000 Ah ~ 11500 Ah, 48VDC
  - It depends on the budget and you can purchase it in the local markets.

# PV Solar Systems

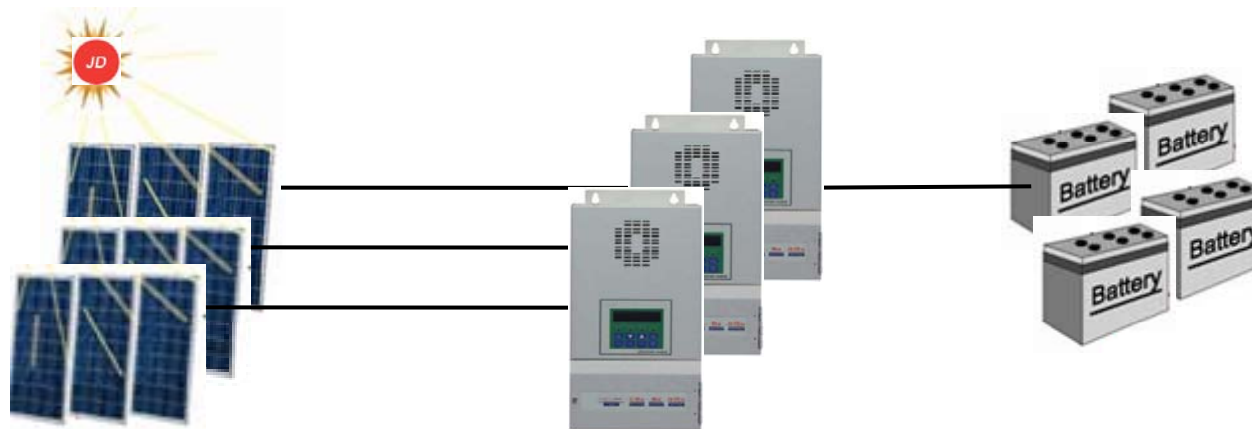


# 9 Sets ICA-3 Plus



**This project is only 3 x 3 matrix connections.**

# PV Solar Systems



**180W x 312 pcs modules**

**J-80C MPPT x 12 Units**