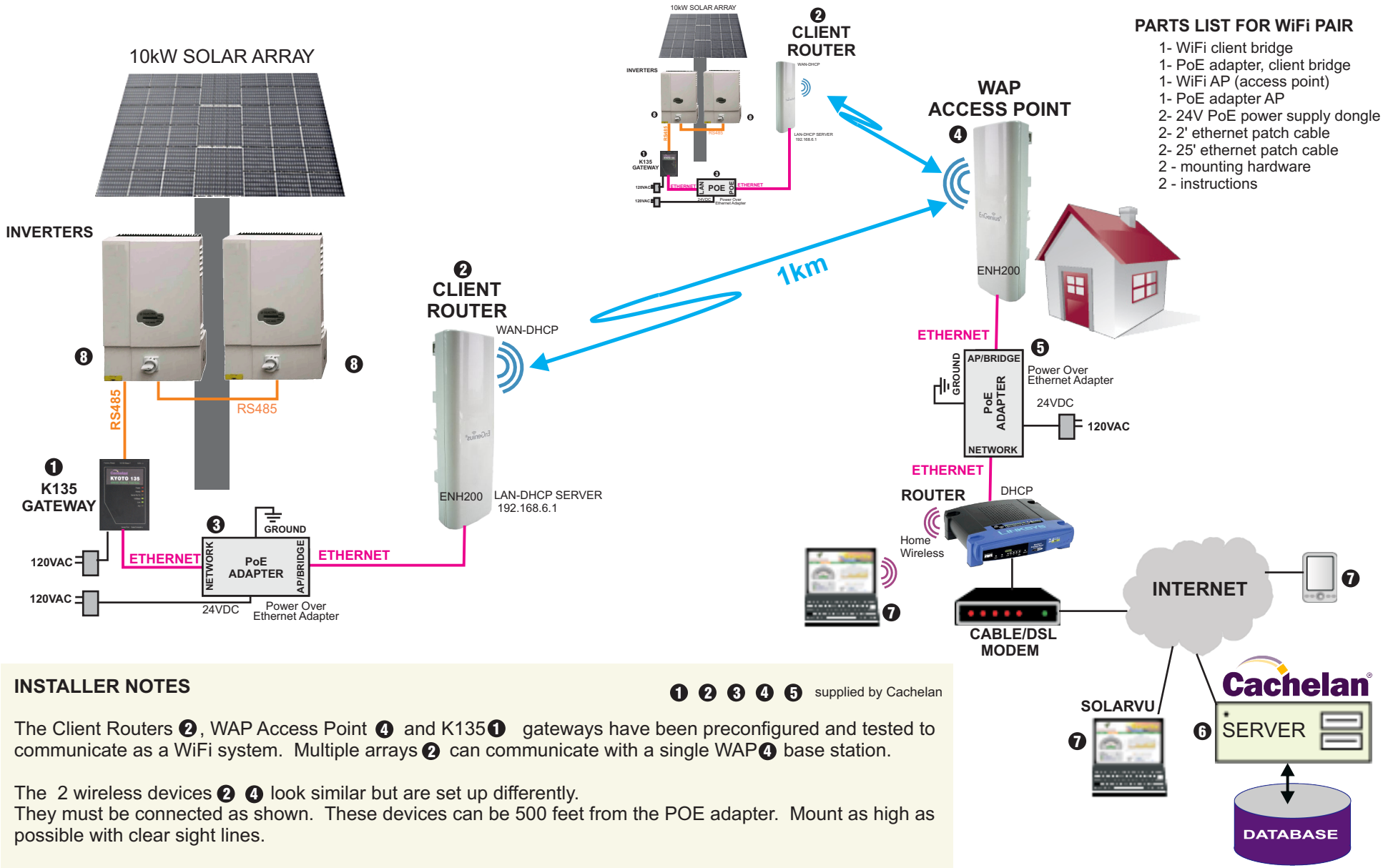


## PARTS LIST FOR WiFi PAIR

- 1- WiFi client bridge
- 1- PoE adapter, client bridge
- 1- WiFi AP (access point)
- 1- PoE adapter AP
- 2- 24V PoE power supply dongle
- 2- 2' ethernet patch cable
- 2- 25' ethernet patch cable
- 2 - mounting hardware
- 2 - instructions

## INSTALLER NOTES

❶ ❷ ❸ ❹ ❺ supplied by Cachelan

The Client Routers ❷, WAP Access Point ❹ and K135❶ gateways have been preconfigured and tested to communicate as a WiFi system. Multiple arrays ❷ can communicate with a single WAP❹ base station.

The 2 wireless devices ❷ ❹ look similar but are set up differently.
They must be connected as shown. These devices can be 500 feet from the POE adapter. Mount as high as possible with clear sight lines.

POE Adapters ❸ ❺ are the same type but orientation is important. Observe the LAN & POE direction.

Do not change any network settings or the system may fail to communicate.

The inverters ❽ must be configured with a unique slave ID and communication settings to communicate with the K135 gateway ❶ as described in the installation instructions.

When set up as shown with a working internet connected router, the K135 ❶ gateway should automatically send inverter information to the SolarVu ❻ server. Login to the site SolarVu energy portal ❼ to see live values.


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**SolarVu WiFi Wireless Connection Communication Architecure**

| REV | REV DATE | ISSUED | ENG/DRAW | PROJECT | |
|---|---|---|---|---|---|
| A03 | 20111030 | 20110311 | NW / JE | SolarVu Comms | 077 |
| FILE | GE077A3 WiFi Wireless Comms | | | | |