



**SYSTEM**

- 1x AES 42-28-6650
- 1x Schneider SW Inverter Charger, SW PDP, SCP
- 1x Schneider MPPT60

**APPLICATION**

Micro-grid power for community water pump and filtration station

**REQUIREMENT**

Backup power, high-efficiency charging, solar/electrical system



**DYNAMIC PERFORMANCE**



**FAST CHARGING**

**OVERVIEW**

Discover AES LiFePO<sub>4</sub> 42-48-6650

Water is a vital resource for any community. In the aftermath of hurricane Maria, many remote water systems in Puerto Rico failed because of a lack of power. Many are now being reconfigured with the assistance of the American Red Cross and Water Mission. Pump and filtration systems are being backed up with off-grid solar systems so as to be able to ride out future severe weather and consequential power interruptions.

Critical to the design is a highly efficient solar system supported by a single AES battery utilizing LYNK closed-loop network communication to optimize dynamic charging capability of the Schneider SW Inverter Charger and MPPT 60 charge controller. Plug-and-play LYNK network communication and a straightforward battery cable installation, the same as a lead-acid battery, make the AES LiFePO<sub>4</sub> battery the preferred choice for installers in remote locations.