Independence Day System

Introducing the all-in-one Energy Production and Storage System designed for Energy Independence
Independence Day System

Arvio’s long awaited Energy Independence System is finally here. Create Power and Store energy at your premises using solar, wind, the grid or any other energy source from one compact system and monitor it from anywhere in the world!

* 10 Year system warranty
* Power your premises with or without the support of the national electricity grid
* Be immune to blackouts, the entire switchboard can be protected from power failure
* Remotely monitor your system, so no need to be on site
* Store and release energy using Super Capacitors for a life-time\(^+\) of use without degradation
* Up to 1,000,000 charge cycles
* Utilise nearly unlimited peaking power for the toughest and most demanding applications
* Operate in the harshest climate and temperature ranges
* iPhone or Android App and browser for installer and client
* Remotely upgrade your system as more new features become available
* Highly Secure Connection to the internet
* Integrates with almost all solar panels (even ones already installed)
* Compliant to all current Australian Standards
* Plug and play, take it with you if you move
* Grid connected or completely off-grid, you can choose
* Power can be supplied from Solar PV, Wind, the Grid, Generator, Micro Hydro and more

\(^+\) Super Capacitors are designed to operate for 10 to 45 years with minimal maintenance
Plug & Play Energy Storage
On or off Grid

- System Quick Connect
- IP65 Enclosure 0 to 50°C
- PV Charge Controller 48VDC
  - 2 x 3kW Inputs 150-500VDC
- Inverter 48VDC to 240VAC
  - 18kW for 30 sec
  - 13kW for 1 min
  - 11.25kW for 30 mins
  - 8kW for 60 mins
  - 7.5kW continuous
- Grid export limit from 0 to 7.5kW
- 2 & 3 phase options also available
- Remote Access
- 32A 1000VDC PV Solar Circuit Breaker
- 500A 500VDC Capacitor Circuit Breaker
- Optional 300A 80VDC remote control Capacitor Circuit Breakers
- 63A 240VAC Mains Circuit Breaker
- 48VDC 7.1kWh Super Capacitor
- Optional unlimited additional 48VDC 7.1kWh Super Capacitors

- Wind
- Solar
- Generator
- Super Capacitor
- Grid