







ReVolve - Berm Battery

- 2nd life N issan EV battery cells
- 120kW h industrialBESS
- AS/NZS 4777 2 2020 certified
- Scalable up to 2 4M W h
- Dins2174X135X1.715
- Safety compliance with EC standards
- Expected life up to 3000 cycles/8+ years
- Communication Modbus, Wifi, Ethemet, Celuar4G/LTE, RESTAPI









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Benefits

consumersSupport increased

• In proves network reliability

In proved network resilience to in pacts of climate change
Cheaperelectricity for the

penetrations of all form s of

• Renew able energy objectives

DG:sobr,EVs,etcSupport increased installed capacity and export potential

• Em issions reduction and renew able energy objectives

• Energy self-sufficiency

objectives

Use cases	
Use Cases	Driver/Motivation
Network reliability	 Network constraints Peak dem and reliability risks Voltage m anagem ent concerns
Uıban residentialdeve bpm ent	 Network planning for future grow th/dem and

Community initiated works

EV charger buffering support	Counties Energy
<figure><figure></figure></figure>	 Spare capacity on a 500kVA transform eris 140kVA Chargerrating is 1x 180kW and 1x 25kW 2x36kVA ReVoire battery pack Additiona lof 72kVA m ade available for the site Better experience for our custom ers

C lim ate change concernsEnvironm entalconcerns













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Further opportunities

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- Can be an alternative to a dieselgenerator for events
- Support customers in remote, outage-prone areas by providing back up power and in proving reliability of supply
- Participate in spotprice arbitrage in the wholesale electricity markethelping to place dow nw ard pressure on electricity prices
- Support the bcald stribution network and help to defer expensive infrastructure upgrades.
- Community battery banks e g., Ausgrid community batteries, Pow erBank community battery storage, W esterPow er- expanding benefits to the customers whomay not otherwise be able to install this technologies them selves.





W estern powercommunity batteries



