NEOVOLTA™

THE NEXT GENERATION OF ENERGY STORAGE

Product Overview (NV14 and NV14 plus NV24)

NeoVolta NV14

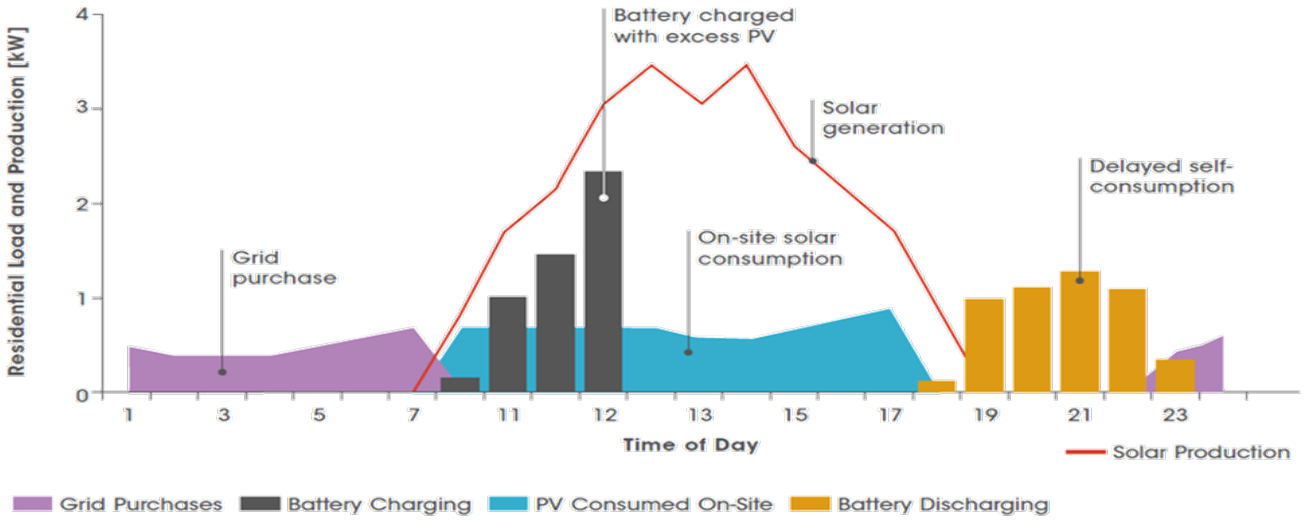
- 7,680 W hybrid 120V / 240V (residential) and 208V (commercial) inverter
- Larger inverter can power more circuits (most competitors use a 5,000 W inverter
- 14.4 kWh battery system
- Installs in one day

NeoVolta NV24

- Provides additional energy storage capacity – raising the NV14 from 14.4 KW to 24.0 kWh
- Most economical cost in industry per Energy Sage.
- Installs in 90 minutes or less

What is an Energy Storage System (ESS)?

- An ESS is an inverter connected to batteries
- Solar will not work during a grid outage regardless of daylight



Source: Fitzgerald et al., 2015

Net Energy Metering 3

- **NEM 2** Solar Return on Investment (ROI) was 5-7 years depending upon Utility rates.
- **NEM 3** Solar ROI is now 10-12 years.
- Any solar sent to the Utility under **NEM 3 will be credited with a much lower rate**. SDG&E is presently $0.09 cents per KW. SDG&E just petitioned California Public Utility Commission to reduce NEM 3 Solar credits to $0.042 cents (their wholesale rate). Sending Solar to the Utility under NEM 3 no longer makes financial sense.
- Adding NeoVolta, decreases ROI.
- Excess Solar charges the battery instead of being sent to the Utility for pennies.
- NeoVolta battery discharges during Time-of-Use (TOU) periods to off-set significantly higher rates.
- Example: 10 KW sent to SDG&E yields $0.90 cents. 10 KW used during summer TOU costs customer $6.80.
- Solution: 10 KW of Solar recharges the NeoVolta battery. 10 KW of Battery discharges during TOU. $6.80 saved daily during summer TOU (1 June – 31 October). **$900+ saved yearly**.

NeoVolta | Product Advantages (Local Company)

Outdoor/Indoor Installation with ability to place inside garages and in limited spaces (NEMA Type 3R rated)

54% higher power output than most of our competitors (7,680 W inverter)

Most competitors utilize a smaller 5,000 W inverter

Bigger Inverters powers more circuits

Customizable to support unique customer needs, can be retrofitted to existing solar. Supports both AC solar (9,000 W) and DC solar (10,000 W). Supports grid charging, solar and/or battery discharge to the grid, and can set higher battery reserves for grid outage concerns

Utilizes UL 9540A certified battery chemistry that has “NO thermal runaway, NO fire risk, and NO off-gassing”

Convertible to commercial 208 Volt 3-Phase acceptance

Compatible with generators, which are a staple commodity in areas where utility power is unreliable

Battery

- NeoVolta uses **Lithium Iron Phosphate** (LFP) battery chemistry. Most competitors use Lithium Ion, which has a fire risk.
- Batteries **certified to UL 9540A**. NO fire risk.
- Batteries will "**NOT catch on fire, NO thermal runaway, and NO off gassing**."
- **6,000 cycle batteries equates to 16.5 years**. Competitor 4,000 cycle batteries last 10.5 years.
- NeoVolta defines a cycle as a charge and a discharge. Most competitors define a cycle as a charge or a discharge. NeoVolta has longer life.
- Batteries maximum ambient temperature is **150 degrees Fahrenheit** (most competitors are 120 degrees Fahrenheit.
- Batteries are interchangeable with modular compartments. **Can be replaced in 15 minutes**. Some competitors are not interchangeable and can take 4-6 months to replace.

NeoVolta KEY Takeaways

- **Larger Inverter** can power more circuits
- **Lithium Iron Phosphate** (LFP) battery chemistry NO Fire or Safety Risk
- **6,000 cycle batteries equates to 16.5 years**
- **One Day Installation**
- Stand alone **30% Federal Tax Credit**. Solar is not required.
- **Modular design** for easy of repair/replacement
- **More options** for customers
- Can incorporate generators, with or without solar, both AC and DC coupled
- Local SoCal Company

Safer, More Capability, and Affordable

Thanks

Do you have any questions?

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NeoVolta Value Proposition

Value to Solar Installers

- Broadens installer offerings allowing for larger sales
- Ease of install and low unit cost
- Product availability significantly increases installer sales to cash timeline
- Manufacturer-direct relationship

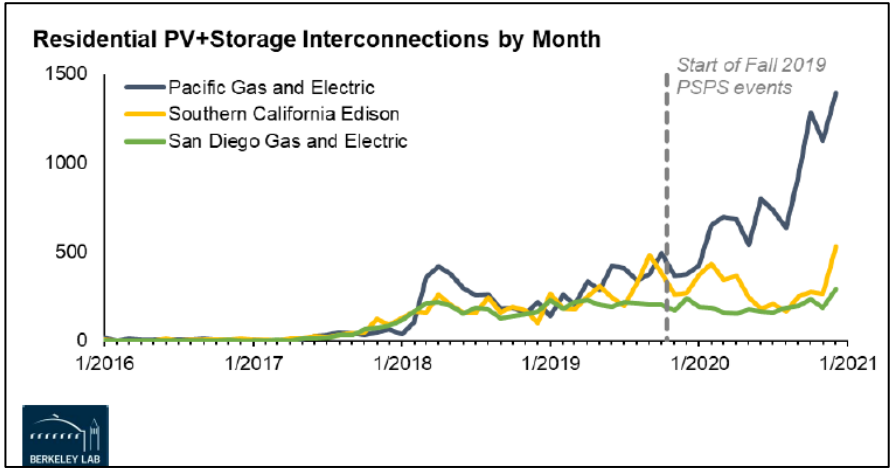
Value to Residential Users

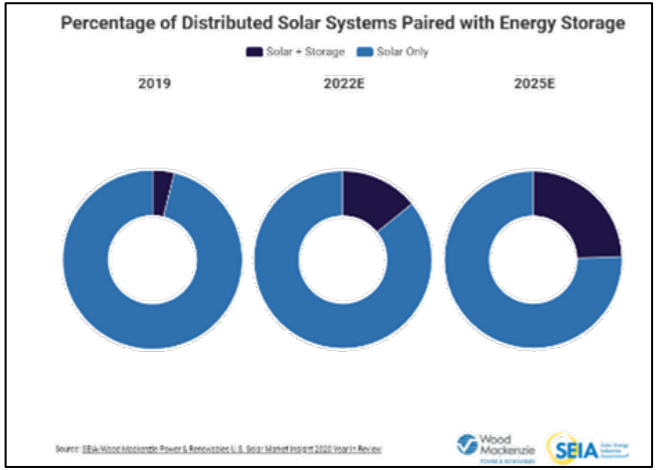
- Provides potential utility rate benefits
- Online, app-based monitoring of system 24/7
- Unique system orientation and functionality to fit individual homeowner needs
- Potentially increases home value by adding power-outage protection
- Easily retrofittable with existing solar

Value to Commercial Users

- Ability to use 208V 3-Phase power without a transformer. Server or refrigeration back-up.
- Indoor/Outdoor system can be charged by grid as well as renewable sources
- Experienced engineering and design team to partner with product development
- Grid outage protection of vital circuits

The Residential ESS Market





- By 2025, nearly 25% of all new solar systems will be paired with storage, compared to under 6% in 2020[1]
- Significant growth after CA Net Energy Metering 3 (NEM 3) went into effect on April 15, 2023.
- NEM 3 solar ROI went from 5-7 years to 10-12 years. Adding NeoVolta reduces ROI.
- Grid outages increasing due to Utility preemptive Public Safety Power Shutoffs (PSPS) to prevent fires
- Less than 50,000 of the 4.6M deployed solar installs in the US have an ESS

1. SEIA - SEIA.org: SEIA/Wood Mackenzie US Solar Market Insight Year in Review 2020