



OneHo 2026 Omni AI Agent





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E2E Intelligence for Home Energy

OneHo delivers AI-driven closed-loop optimization across the home energy lifecycle:

System Design → Intelligent Forecasting → Smart Optimization
→ Automated Execution → Proactive Service

Turning energy data into smarter decisions, greater efficiency, and measurable value.



7 Days



Power Generation Forecasting
Physical Model + ZeroShot Pre-training

50% ↓



AI-Assisted System Design
Reduce design time by up to 50%

Closed Loop



Five-Step E2E Orchestration
Design → Forecast → Dispatch → Execution
→ Service

VPP



VPP Aggregation & Smart Dispatch
Transform home energy systems into
grid-ready assets.

01

Every Home Deserves Its Own Smart Energy Brain

OneHo Omni · Home Agent brings together solar, storage, EV charging, controllable loads, local energy data sources, and a growing metering ecosystem within an open home energy platform. Powered by AI-driven forecasting, intelligent SOC optimization, and automated energy control, it continuously improves energy efficiency, resilience, and energy savings.



SOC Intelligence

Intelligent Battery SOC Management



Energy Optimization

Coordinated Energy Dispatch

AI-Powered Generation Forecasting

Sense



Consumption Pattern Learning

Sense



Intelligent Safety Protection

Guard



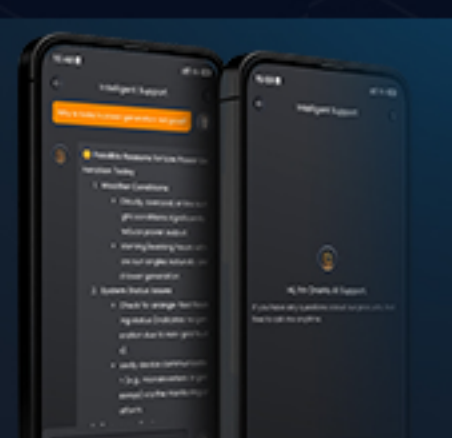
System Performance Analysis

Analyze



24 / 7 AI Smart Assistant

Assist



AI Revenue Optimization

Earn

**7-Day**Generation / Consumption
Forecasting Window**Dynamic SOC**Dynamic SOC – Intelligently
Extends Battery Life**Peak Shaving**Automated Dynamic Price
Arbitrage**Seamless Backup**

Seamless Outage Switchover

N-in-1 ManagementUnified Multi-Device
Dispatching

02

From Design to Deployment AI Accelerates Every Step

OneHo Omni · Design Agent streamlines the entire installer workflow with AI-assisted system design, automated compliance validation, instant cost and ROI analysis, and regional demand forecasting. It accelerates the journey from site assessment to project delivery, helping installers and distributors scale more efficiently.

Design

AI-Assisted PV Site Design

Cost

Electricity Cost & Savings Analysis

Policy

Automated Compliance Validation

Forecast

Regional Sales Forecasting

Stock

Smart Stock & Inventory Optimization

Promo

Design-to-Quote

Turn complex installer workflows into intelligent, automated processes—from system design and compliance validation to cost analysis, ROI estimation, and demand forecasting. Reduce manual effort, accelerate project delivery, and help partners scale with confidence.



03

AI Agent-Powered Growth Flywheel Intelligent Customer Acquisition

OneHo Omni · Grow Agent connects the entire customer acquisition journey with AI—from market intelligence and prospect identification to personalized content generation and automated sales funnel management. By optimizing every stage of the conversion process, AI helps sales teams focus on the highest-value opportunities and drive more efficient growth.



AI Social Media Promotion & Precision Ad Targeting

Sense



Prospect Identification & Smart Lead Generation

Identify

AI Content Creation & Personalization

Content



Automated Sales Process Management

Flow



Customer Behavior & Intent Prediction

Predict



04

Digital Twin–Driven Predictive O&M From Reactive Response To Predictive Prevention

OneHo Omni · Ops Agent transforms O&M from reactive alert response to a predictive, automated workflow powered by a PV digital twin. Through intelligent diagnostics, remote remediation, and automated inspections, it reduces site visits, lowers O&M costs, and improves system availability.

Core Capability · Remote Healing

**Remote Diagnostics &
Automated Remediation**

Core Foundation · Digital Twin

PV Plant Digital Twin Model

Diagnose

AI-Powered Fault
Diagnosis

Patrol

Automated Site
Inspections

Detect

Automatic Defect
Detection for Power
Plants

Optimize

Automatic O&M
Optimization

Predict

Digital Twin Forecasting

Dispatch

Intelligent Energy
Dispatch

Reduced Site Visits

Remote Repair First,
Lower O&M Costs

Digital Twin Validation

Verify Repair Solutions
Before Execution

Fully Automated

Automated Reports, Zero
Manual Effort

Multi-Source Diagnostics

Integrated diagnostics combining
current, temperature and LV



05 From Plant to Grid: Data-Driven Strategic Decisions

OneHo Omni · Insight Agent transforms operational data into actionable business intelligence. By combining distributed asset aggregation, market intelligence, portfolio analytics, and VPP orchestration, it enables data-driven decisions that improve profitability, operational efficiency, and long-term asset value.

- 01 Distributed Asset Aggregation
- 02 Regional Market Strategy Intelligence
- 03 Global Operations Intelligence
- 04 Investment Intelligence (IRR / ROI / Payback)
- 05 Supply Chain Sync Intelligence

Virtual Power Plant Aggregation & Dispatching

OneHo aggregates distributed residential solar and storage systems into a virtual power plant (VPP), enabling coordinated dispatch and participation in energy markets. By transforming residential energy resources into flexible grid assets, Insight Agent helps operators unlock new revenue streams and optimize portfolio performance.





OneHo Omni AI Agent

Home Agent | Design Agent | Grow Agent | Ops Agent | Insight Agent



(OneHo-Installer)



(OneHo-Owner)