

BDN1000-PRO Home Micro Storage

Partner-supported balcony PV storage product for reseller samples, small PV self-consumption and app-monitored energy use.

- 2.56 kWh LFP
- 1000 W output
- IP65 outdoor
- App optional

PRODUCT POSITIONING

- For balcony PV sellers and small solar distributors testing compact storage add-ons.
- Best used for sample orders, pilot batches and early reseller conversations.
- Not positioned as full-house backup; lead with PV self-consumption and simple energy management.



PARTNER-SOURCE SPECIFICATIONS

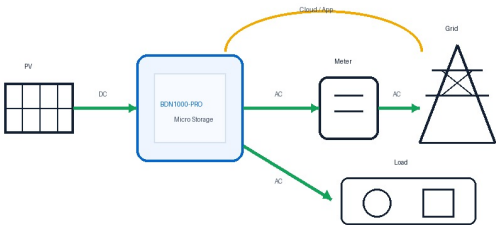
Battery	2.56 kWh LiFePO4, 25.6 V nominal
Usable class	Around 2 kWh class, final value by setup
PV input	MC4, 2 channels, 60 V max, MPPT 11-55 V
MPPT power	1000 W max MPPT power
AC input	220/230 V, 2000 W max, L-N-PE
AC output	1000 W rated, 2000 W peak, 10 ms UPS switching
Operation	Grid-tied / off-grid output modes, scheduled charge and discharge
Protection	OPP, PTP, OVP, SCP; natural cooling; IP65
Size / weight	550 x 500 x 164 mm, 31.5 kg
Certificates	CE, IEC/EN 61000, IEC 62109, VDE 4105, EN 50549-1 list in source

CUSTOMER CONVERSATION

- Ask for sample quantity, destination country and required document list first.
- Use neutral branding and documentation coordination as trade-company value.
- Confirm country-specific grid and installation requirements before formal quote.

INQUIRY CHECKLIST

- Target country, buyer type and expected quantity.
- Plug, voltage, app monitoring and anti-reflux requirement.
- Neutral packaging / logo requirement.
- Documents required by customer: CE, IEC, VDE, EN, UN38.3, MSDS, manual.



Reference system diagram adapted from partner product material

Neutral-version note: Built from partner product material; final documents and market settings must be confirmed.