HONKILO Inverter Series

QD / BJ Ultra / UD Pro / KD | Off-grid, low-voltage hybrid and three-phase conversion

1-80 kW	12-60 Vdc	120 / 230 Vac	Up to 18 kW
Family power range	**Low-voltage classes**	**Market-dependent output**	**LV PV input by model**



Product overview

- QD, BJ Ultra, UD Pro and KD provide different power and battery-voltage options.
- Models support grid, off-grid and UPS operating modes by configuration.
- PV and utility charging allow flexible battery charging paths.
- Final selection requires battery protocol and grid-code matching.

Representative family matrix

Family	Rated power	Battery voltage	PV input	Grid / enclosure
QD off-grid EU	1 / 3.6 / 6 / 12 kW	12 / 24 / 48 Vdc	1-15 kW	230 Vac; IP20
QD off-grid US	3 / 5 / 6 / 12 kW	24 / 48 Vdc	3.6-12 kW	120 or 120/240 Vac; IP20
QD hybrid EU	6 / 12 kW	48 Vdc	6.5 / 12 kW	230 Vac; IP20
BJ / UD hybrid EU	6 / 10 / 12 kW	40-60 Vdc	7.8-15.6 kW	220/380 or 230/400 Vac; IP65
BJ / UD hybrid US	10 / 12 kW	40-60 Vdc	15 / 18 kW	120/240 Vac; IP65
KD three-phase	50-80 kW	High-voltage battery	Multiple MPPT	Model-specific

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Selection requirements

Battery compatibility	Voltage window and communication protocol
Backup architecture	Essential-load panel and transfer behavior
PV design	String voltage, current, MPPT and maximum input
Market compliance	Grid voltage, phase format and local approvals
Monitoring	Wi-Fi and communication option by model
Warranty	Confirm against final quotation

Configuration notes

- This series sheet provides a representative overview across the QD, BJ Ultra, UD Pro and KD families.
- KD battery voltage, efficiency and model options vary by configuration; contact HONKILO for the current model matrix.
- Efficiency curves, certification scope and warranty are confirmed against the selected model and destination market.
- Do not use this sheet as a final grid-connection declaration.

Source basis: current HONKILO product pages and supplied product catalog material. Specifications, model availability, certification, warranty and commercial terms are confirmed for the final configuration.