



AbAstris – Technische Spezifikationen

Battery Data

Battery Type	LFP
Cell Rated Capacity	314Ah
Rated Capacity (One Pack)	3014Wh (1P3S)
Cycle Life	>11000 cycles (25°C, DOD 90%, 0.5C/0.5C, SOH 70%)
Maximum Stackable Packs	4

Input Data

AC Rated Voltage (On-Grid)	230V
AC Input Power (On-Grid)	2400W
PV Voltage Range	16~120V
Number of MPPTs	4
PV Input Power	4 × 800W

Output Data

AC Output (On-Grid)	230V, 50/60Hz, 2400W
AC Output (Off-Grid)	230V, 50/60Hz, 2400W
AC Output Peak Power (Off-Grid)	2880W
EPS Function	Switch time <10ms

Environmental and Mechanical

Dimension of Inverter (W × H × D)	450mm × 260mm × 248mm
Dimension of Battery (W × H × D)	450mm × 245mm × 248mm (Height excludes support foot)
Weight (Inverter)	17Kg
Weight (One Battery)	26Kg

Communication Port	Parallel CAN, WiFi, LoRa
Parallel Operation	Supports 3 systems (Single Phase / Three Phase)
Ingress Protection	IP65
Operating Temperature	-20°C ~ +55°C

Certification

Compliance	EN55032, EN55035, EN303 0417, EN 301 489-1, IEC 62368, REACH, RoHS, UN 38.3
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