SBEON | Haier Energy

E-Tower LV

Simple. Smart. Safe





All-in-one

PCS, battery, AC and DC distribution boxes

Quick Installation

Modular design, stackable installation, plug and play

Harsh Environment

IP65, for outdoor application

Extremely Safe

Arc Fault detection, 4-layer cell level and 6-layer system level protections

High Yields

Supports 1.6 DC : AC ratio to connect with different roof orientations

Smart Distribution Boxes

Power AC and DC distribution boxes, ready for connection to both the PV system and the grid

E-Tower

System Parameters

System model	HA1L-3K5A1 HA1L-3.6K5A1 HA1L-5K5A1 HA1L-6K5A1	HA1L-3K10A1 HA1L-3.6K10A1 HA1L-5K10A1 HA1L-6K10A1	HA1L-3K15A1 HA1L-3.6K15A1 HA1L-5K15A1 HA1L-6K15A1
Production configuration	H1PL-1J3 / 3.6 / 5 / 6K-EU B051100P03-H HQBK-00-1P	H1PL-1J3 / 3.6 / 5 / 6K-EU 2x B051100P03-H HQBK-00-1P	H1PL-1J3 / 3.6 / 5 / 6K-EU 3x B051100P03-H HQBK-00-1P
System capacity	5 kWh	10 kWh	15 kWh
Weight	105 ± 2 (kg)	155 ± 3 (kg)	205 ± 4 (kg)
No. of Parallel Batteries	1	2	3
Cycle Life	6000 times (25°C, 0.5C/0.5C, 90%DOD, 70% EOL.)		
Ambient Temperature	Charging: (–10, 50) °C ' Discharging: (–20, 50) °C '		
Working Humidity	10% ~ 95% RH		
Storage Temperature	(–30, 60) °C		
Dimensions (W * H * D) [mm] (includes the casing and the base)	573 * 1529 * 263	573 * 1844 * 263	573 * 2159 * 263
Working Altitude	< 4000 m (derate over 2000 m)		
Enclosure Type	IP65		
Warranty	10 years		
Certification	IEC62619, CE, UN38.3, CEI, UL 1973, UL 9540 EN 50549–1:2019, PN–EN 50549–1:2019, RD 1699:2011, RD 661:2007, RD 413:2014, RD 647:2020, RD 244/2019, UNE 217002:2020, ITC–BT–40, CEI 0–21, G98, G99		