aesys

Luminary 261.

SPECIFICATIONS - BOTH VARIANTS SIDE BY SIDE

	LUMINARY-261 AC	LUMINARY-261 DC
Capacity	261 kWh	261 kWh
AC power	125 kW	via external inverter
Battery cells	Cornex 314 Ah / 3.2 V (LFP)	Cornex 314 Ah / 3.2 V (LFP)
C-rate	0.5P	0.5P
DC voltage	832 V (728–936 V)	832 V (728–936 V)
AC connection	3P4W · 400 Vac ±15 % · 50/60 Hz	–
Power factor	≥ 0.99 / THD ≤ 3 %	–
PCS	integrated	none – 10+ configurations
Cooling	5 kW liquid cooling	5 kW liquid cooling
Protection rating	IP55 (battery) / IP54 (electrical)	IP55 (battery) / IP54 (electrical)
Corrosion protection	C4 standard, C5 optional	C4 standard, C5 optional
Operating temperature	−25 … +55 °C	−25 … +55 °C
Installation altitude	up to 4000 m (derating ≥ 3000 m)	up to 4000 m (derating ≥ 3000 m)
Dimensions (L×W×H)	1060 × 1365 × 2350 mm	1060 × 1365 × 2350 mm
Weight	2.6 t	2.5 t
Communication	RS485 / Ethernet	RS485 / Ethernet
Certifications	VDE-AR-N 4110/4120 · UL 9540A · IEC 62619 · UN 38.3	UL 9540A · IEC 62619 · IEC 62477 · UN 38.3