



VINFAST
ENERGY

TOWER SOLUTION



DC PARAMETER	OUTDOOR TOWER	INDOOR TOWER
Cell	LFP 3.2V/300Ah	
Cell Cycle Life	>8000 cycles @25±2°C, 0.5P/0.5P 90% DOD, 70% EOL	
Module Configuration	8S1P	
Rack Configuration	144S1P	
System Configuration	18 Battery Modules	
System Capacity (BoL)	138.3 kWh	
DC Usable Energy (at 90% DoD)	124.4 kWh	
Nominal Voltage	460V	
Working Voltage Range	360V - 525 V	
Charge/Discharge ratio	≤ 0.5C	
AC PARAMETER		
Rated Voltage	320V – 530V	
Frequency	50 Hz / 60 Hz	
Maximum Power	66 kW	
PCS Max. Efficiency	≥ 96.5%	
THDi	< 5%	
GENERAL PARAMETER		
Off-Grid Support	YES	
Operating Temperature	-20°C to 55°C	18°C to 28°C
Relative Humidity	0 – 95%	0 – 85%
Working Altitude	< 2000m	
Cooling Concept	Active Air Cooling	Passive Cooling
Noise	≤ 75db	≤ 60db
Fire Suppression System	Fire Suppression Gas	NA
IP Rating	IP 55	IP 20
Communication Interfaces	Ethernet	
Communication Protocol	CAN, Modbus TCP/MQTT	
Compliance {Current & Expected}	UL 1973, UL 60730-1, UL 9540, UL 9540A IEC 62619, IEC 62933-5-2, IEC 63056 UN38.3	