



Vesta is the key device for Smart Home. It manages power flow of Grid, Solar Panel, EV Charger (AC type) and Battery together in one device.



Vesta Split Phase Inverter



Intelligentize

With versatile energy flow control, assists in shifting into a greener lifestyle and cuts your energy bills



Multi-function

Supports off-grid and various EMS on-grid operations as well as time schedule



One-stop

Provides a total solution that includes green energy generation, storage, charging and consumption



Specifications

Model	Vesta-4-L	Vesta-8-L	Vesta-10-L
Efficiency			
Peak Efficiency	97.4%		
DC Port (Battery)			
Compatible Battery	7 kWh to 40 kWh		
Max. Charge / Discharge Power	3800 W	7600 W	9600 W
Operating Voltage Range	380 V to 450 V		
Max. Operating Current	10 A	20 A	24 A
DC Port (PV)			
Max. Input Voltage	600 V DC		
MPPT Operating Voltage Range	80 V to 500 V DC		
Max. Input Current per MPPT	13.5 A		
Number of MPP Trackers	2	3	3
AC Port (On-grid Mode)			
Max. Output Power	3800 VA	7600 VA	9600 VA
Grid Voltage	208 V / 240 V AC		
Max. AC Current	16 A	32 A	40 A
Frequency	60 Hz		
AC Port (Off-grid Mode)			
Max. Output Power	3800 VA	7600 VA	9600 VA
Grid Voltage	208 V / 240 V AC		
Max. AC Current	16 A	32 A	40 A
Frequency	57 – 63 Hz		
General Parameter			
Topology	Transformer-less		
Operating Temperature Range	-13 °F to +140 °F (Derating above 113 °F @ Rated output power)		
Humidity	0% to 95%		
Operating Altitude	≤13000 ft		
Audible Noise	< 45 dB (A) @ 3'4" Front		
Communication			
Interface	RS485, Bluetooth, Wi-Fi, 4G (optional)		
Mechanical			
Dimension (W X H X D)	18 1/2" x 24 3/4" x 7"		
Weight	53 lb		
Cooling	Natural convection		
Installation Type	Wall - mounting		
Enclosure Rating Type	Type 4		
Interface			
Display	LED		
Human Machine Interface (HMI)	APP, Web portal		
Standards and Compliance			
Safety	UL 1741, CSA 22.2 No.107.1-01, UL 991, UL 1998, UL 1699B (Type 1), UL 1741 CRD		
EMC	FCC Part 15 Class B, ICES-003		
Grid Connection Standards	UL 1741 SB, IEEE 1547-2018, IEEE 1547.1-2020, SRD 2.0 (Hawaii)		

Note: Pictures are for reference only, please prevail in kind.