

# Vesta Three-phase Inverter



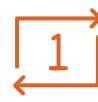
## Intelligentize

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



## Vesta Three-phase Inverter

Technical Specification		Vesta-6-T	Vesta-8-T	Vesta-10-T	Vesta-12-T	Vesta-14-T
Efficiency	Peak Efficiency	98.1%	98.1%	98.4%	98.4%	98.4%
Input (DC Battery)	Compatible Battery	7 kWh - 40 kWh				
	Max. Charge/ Discharge Power	6210 W	6210 W	10350 W	10350 W	10350 W
	Operating Voltage Range	690 V - 900 V				
	Max. Operating Current	9 A	9 A	15 A	15 A	15 A
Power Input (PV)	Max. Input Voltage	1000 V				
	MPPT Operating Voltage Range	140 V - 950 V DC				
	Max. Input Current Per MPPT	13.5 A				
	Number of MPP Trackers	2				
AC Port (On-grid Mode)	Max. Output Power	6,600 VA	8,800 VA	11,000 VA	13,200 VA	13,800 VA
	Grid Voltage	220 V AC / 380 V AC, 230 V AC / 400 V AC, 3W / N+PE				
	Max. AC Current	11 A	13.5 A	16.9 A	18.4 A	21 A
	Frequency	45 Hz - 65 Hz				
AC Port (Off-grid Mode)	Max. Output Power	6,000 W	6,000 W	10,000 W	10,000 W	10,000 W
	AC Output Voltage	220V AC/380V AC, 230V AC/400V AC, 3W+N+PE				
	Max. AC Current	10 A	10A	15 A	15 A	15 A
	Frequency	45 Hz - 65 Hz				
General Parameter	Topology	Transformer-less				
	Operating Temperature Range	-25 °C to +60 °C(Derating above 45 °C @ Rated output power)				
	Humidity	0% to 95%				
	Operating Altitude	≤2,000 m				
	Audible Noise	<45 dB (A) @ 1 m Front				
Communication	Interface	RS485, Bluetooth, Wi-Fi, 4G (optional)				
Mechanical	Dimension (WxHxD)	485 x 400 x 172 mm				
	Weight	19 kg				
	Cooling	Natural Convection				
	Installation Type	Wall Mounted				
	Protection Rating	IP65				
Interface	Display	LED				
	Human Machine Interface (HMI)	APP, Web portal				
Standards and Compliance	Safety	IEC62109-1/-2				
	EMC	IEC61000-6-1, IEC61000-6-3				
	Grid Connection Standards (Pending)	VDE-AR-N-4105, EN50549-1, C10/11, RD1699_BOE,RD413,RD661,UNE 206006,UNE 206007,NTS, UTE C15-712-1, VDE 0126-1-1,VFR 2019, CARE, SEI REF, EIFS:2018, SFS EN50549-1, DANSK_LV : 2021(TRLV+TR3.3.1), RENblad342, CEIO-21				