

Three Phase On-Grid Solar Inverter

5KW

VT-6605305 SKU: 11371

8KW

VT-6608305 SKU: 11372

10KW

VT-6610305 SKU: 11373

5 **YEAR**
WARRANTY



Zero Export
Function
(Optional)



External
Inductor



IP65



Product
Liability
Insurance



Aluminum
Enclosure



5+5 Years
Warranty

MODEL		VT-6605305	VT-6608305	VT-6610305
Input (DC)	Max. DC input power (W)	5700	9000	11000
	Max. DC input voltage (V)	900	1000	
	"Starting voltage (V) / Min. operation voltage (V)"	220/180	220/150	
	MPPT range (V)	200-800/580	200-800/610	
	"Quantity of MPPT / String per MPPT"	2/1	2/1	
	Max. DC current (A) per MPPT x Quantity of MPPT	10x2	12x2	12.5x2
Output (AC)	Rated output power (W)	5000	8000	10000
	Max. AC output current (A)	8	12.6	14
	Max. output power (W) (PF=1)	5000	8000	10000
	Max. apparent power (VA)	5000	8000	10000
	Power factor	≥0.99 (at rated power)		
	THDi	<3% (at rated power)		
	Nominal output voltage (V) / frequency (Hz)	230/400V;220/380V, 3L+N+PE/3L+PE, 50/60		
Efficiency	Max. efficiency	98.1%	98.3%	98.3%
	Euro-efficiency	97.6%	97.8%	97.8%
	MPPT efficiency	99.9%		
Protection	Protection	DC breaker, AC short-circuit protection, Over current protection, Over voltage protection, Isolation protection, RCD, Surge protection, Anti-island protection, Over-temperature protection, Ground fault monitoring, etc.		
General Data	Display	2.0 inches LCD display, support backlit display		
	LCD language	English, Chinese, German, Dutch		
	Communication interface	RS485(standard); WiFi, Ethernet (optional)		
	Cooling method	Natural cooling	Smart cooling	
	Protection degree	IP65		
	Night self consumption (W)	<1		
	Topology	Transformerless		
	Operating temperature range	-25°~+60°(derate after 45°)		
	Relative humidity	4~100%, condensation		
	Dimension (H x W x D mm)	530x360x150	575x360x150	
	Weight (kg)	20	23	
	Grid qualification	IEC 61727(IEC62116), IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC 60068-2-14:2009, IEC 60068-2-30:2005, IEC 61683:1999, VDE0126-1-1, VDE-AR-N4105, G59/3, C10/11, AS/NZS 4777.2:2015, NB/T 32004-2013, PEA, ZVR		
	"Safe certificates / EMC certificates"	IEC 62109-1:2010, IEC 62109-2:2011, EN 61000-6-2:2005, EN 61000-6-3:2007/A1:2011		
	Factory warranty (years)	5(standard)/10(optional)		