

Uranus Three Phase On-Grid Inverter



C&I On-grid Inverter

PRODUCT MODEL

- Uranus 15K PVT
- Uranus 20K PVT
- Uranus 25K PVT



Max. PV input current 20A



Optional AFCI Protection function



150% PV input oversizing & 110% AC overloading



Remote firmware upgrade & setting



Wider MPPT voltage range (180 ~ 1000V)



IP65 outdoor design



Export control function integrated



Type II SPD for both DC and AC

Model	Uranus 15K PVT	Uranus 20K PVT	Uranus 25K PVT
PV Input			
Max. Recommended PV Power [Wp]	22500	30000	37500
Max. PV Power for Single MPPT [Wp]	8000	12000	15000
Max. PV Input Voltage [V]	1100		
MPPT Voltage Range [V]	180 ~ 1000		
Rated PV Input Voltage [V]	600		
Start-up Voltage [V]	200		
No. of MPP Trackers	2		
No. of Input Strings per Tracker	2 / 2		
Max. PV Input Current [A]	40 / 40		
Max. Short-circuit Current [A]	50 / 50		
AC Output			
Rated AC Power [W]	15000	20000	25000
Max. AC Output Apparent Power [VA]	16500	22000	27500
Max. AC Output Current [A]	25	33.4	41.7
Rated AC Voltage [V]	3 / N / PE, 220 / 380, 230 / 400		
Grid Frequency [Hz]	50 / 60		
Adjustable Power Factor [cosφ]	0.8 leading ~ 0.8 lagging		
Output THDi (@Rated Output)	< 3%		
Efficiency			
Max. Efficiency [Hz]	98.6%	98.6%	98.6%
Euro Efficiency [Hz]	98.2%	98.2%	98.2%
Protection			
DC Switch	Integrated		
DC Insulation Monitoring	Integrated		
Input Reverse Polarity Protection	Integrated		
Anti-island Protection	Integrated		
AC Overcurrent Protection	Integrated		
AC Short-circuit Protection	Integrated		
String Current Monitoring	Integrated		
DC Surge Protection	Integrated (Type II)		
AC Surge Protection	Integrated (Type II)		
PID Recovery Function	Optional		
AC Surge Protection	Optional		
PID Recovery Function	Integrated		
General Data			
Dimensions (W * H * D) [mm]	520 * 412 * 200		
Weight [KG]	22		
Display	LED + OLED		
Communication	RS485, USB Update, Optional: WiFi, 4G, Ethernet		
Ambient Temperature Range [°C]	-25~ +60		
Relative Humidity	0 ~ 100%		
Operating Altitude [m]	≤ 2000		
Night Self-consumption [W]	< 1		
Topology	Transformerless		
Cooling	Fan		
Ingress Protection	IP65		
Certifications & Standards			
Grid Regulation	NB/T 32004, ORDINANCE No.140, EN50549-1, EN50549-PL, IEC61727, IEC62116		
Safety Regulation	EN 62919-1, EN 62619-2		
EMC	EN IEC 61000-6-1, EN IEC 61000-6-3, EN 62920, EN IEC61000-3-11, EN IEC61000-3-12		