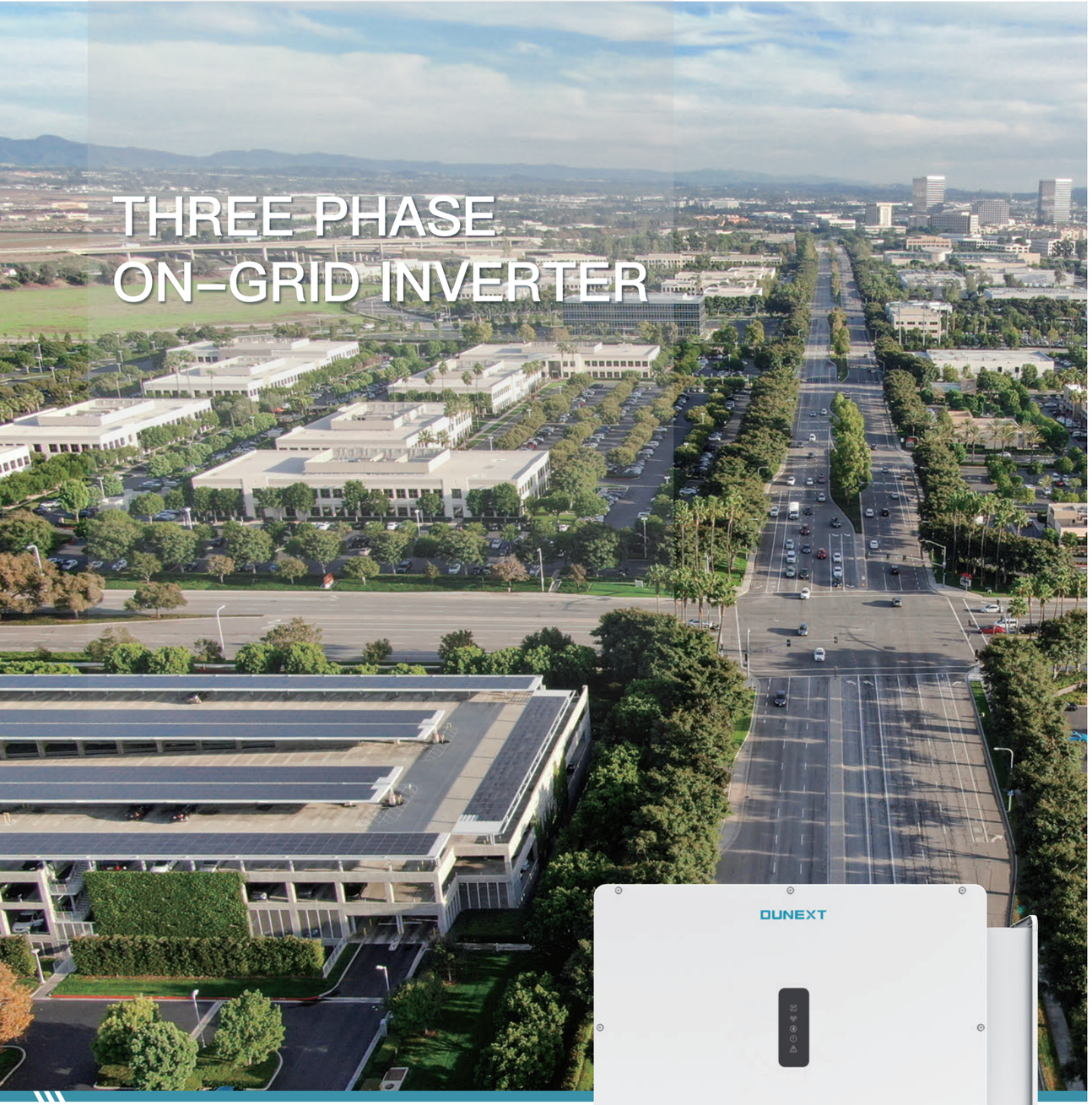

THREE PHASE ON-GRID INVERTER

DN3 Series (100-125KTL)

- 150% DC input oversizing
- Remote firmware upgrade
- Wide range of MPPT voltage
- Optional smart PID recoery function
- IP66 outdoor design
- Compatible with repowering scenario

Three Phase On-Grid Inverter

DUNEXT

Model	DN3-100KTL	DN3-110KTL	DN3-110KTL-G2	DN3-125KTL	DN3-125KTL-G2
PV Input					
Max. Recommended PV Power [Wp]	150000	165000	165000	187500	187500
Max. PV Input Voltage [V]	1100				
MPPT Voltage Range [V]	200 ~ 1000				
Rated Input Voltage [V]	650				
Start-Up Voltage [V]	200				
No. of MPP Trackers	9	9	8	9	8
No. of Input Strings per Tracker	2	2	2	2	2
Max. PV Input Current [A]	32	32	40	32	40
Max. Short-Circuit Current per MPPT [A]	48	48	60	48	60
AC Output					
Rated AC Power [W]	100000	110000	110000	125000	125000
Max. Apparent Power [VA]	110000	121000	121000	125000	125000
Max. AC Current [A]	159.4	175.4	175.4	181.2	181.2
Rated AC Voltage [V]	3 / N / PE, 220 / 380, 230 / 400				
Grid Frequency [Hz]	50 / 60				
Adjustable Power Factor [cos ϕ]	0.8 leading ... 0.8 lagging				
Output THDi [@Rated Output]	< 3%				
Efficiency					
Max. Efficiency	98.7%	98.7%	98.7%	98.7%	98.7%
European Efficiency	98.3%	98.3%	98.3%	98.3%	98.3%
Protection					
DC Insulation Monitoring	Yes				
Input Reverse Polarity Protection	Yes				
Anti-Island Protection	Yes				
Residual Current Monitoring	Yes				
AC Overcurrent Protection	Yes				
AC Short-Circuit Protection	Yes				
String Current Monitoring	Yes				
DC Surge Protection	Yes				
AC Surge Protection	Yes				
PID Function	Optional				
DC Switch	Yes				
General Data					
Dimension [W * H * D] [mm]	965 * 700 * 355				
Weight [kg]	88	88	87	88	87
Display	LED				
Communication	RS485 (Standard), WiFi				
Ambient Temperature Range [℃]	-30 ~ +60				
Relative Humidity	0 ~ 100%				
Operating Altitude [m]	⩽ 4000				
Standby Self Consumption without PID [W]	< 1				
Topology	Transformerless				
Cooling	Fan				
Degree of Protection	IP66				
Certifications & Standards					
Grid Connection Standards	IEC 62116, IEC 61727				
Safety Regulation	IEC 62109-1, IEC 62109-2, EN 62109-1, EN 62109-2				
EMC	EN 61000-3-11, EN 61000-3-12, EN 61000-6-2, EN 61000-3-4				