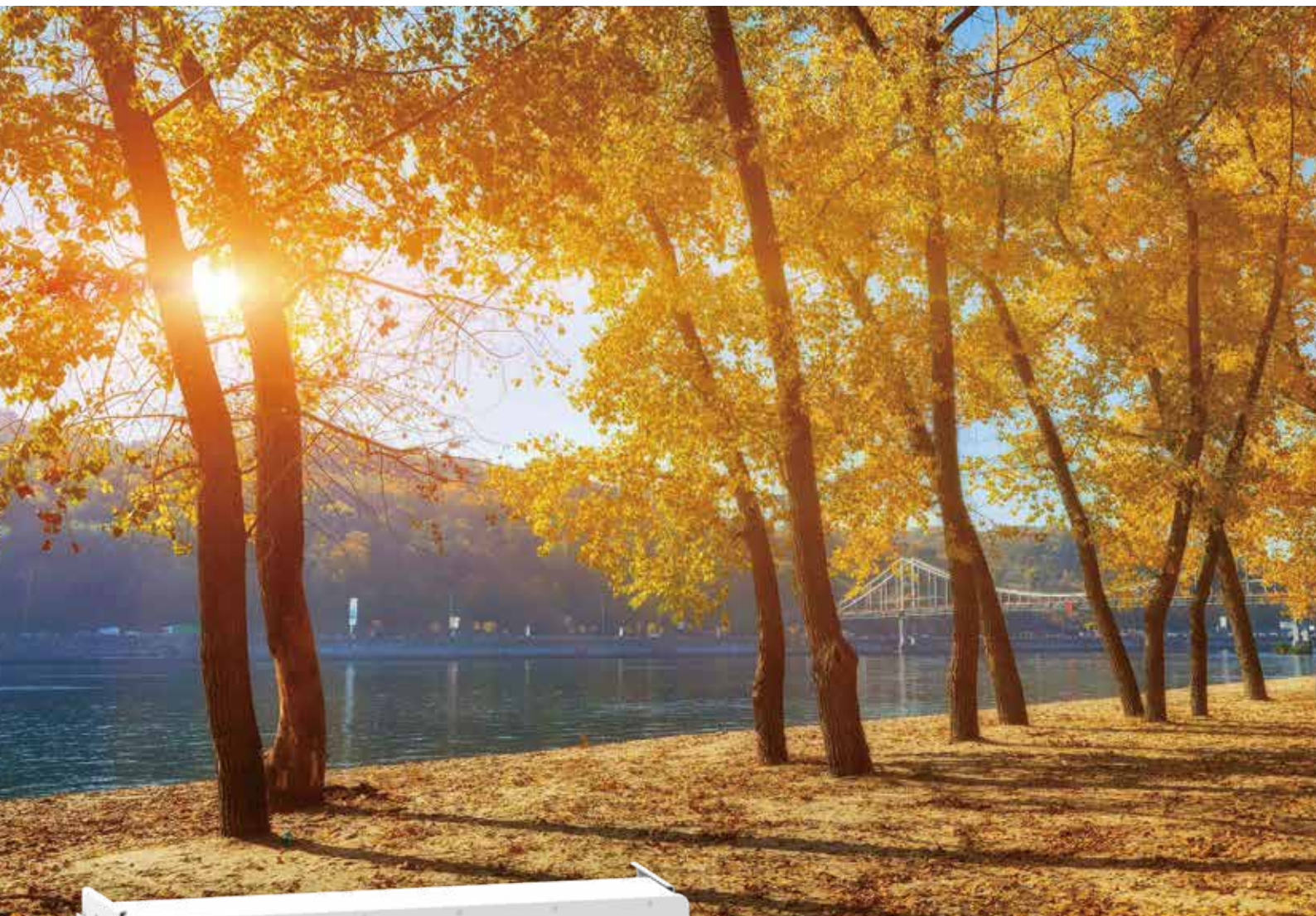








# Three Phase String Inverter(LV)

SUN-60/70/75K-G01P3-EU-AM8-LV



-  127/220Vac, 133/230Vac and 60/50Hz, Three phase system
-  8 MPP trackers, Max. efficiency up to 98.8%
-  Zero export application, VSG application
-  String intelligent monitoring (optional)
-  Wide output voltage range
-  Anti-PID function (Optional)

**Deye**

Stock Code: 605117.SH

Model	SUN-60K-G01P3-EU-AM8-LV	SUN-70K-G01P3-EU-AM8-LV	SUN-75K-G01P3-EU-AM8-LV
<b>Input Side</b>			
Max. DC Input Power (kW)	90	105	112.5
Max. DC Input Voltage (V)	800		
Start-up DC Input Voltage (V)	250		
MPPT Operating Range (V)	200-700		
Max. DC Input Current (A)	40+40+40+40+40+40+40+40		
Max. Short Circuit Current (A)	60+60+60+60+60+60+60+60		
No.of MPP Trackers	8		
No.of Strings per MPP Tracker	4+4+4+4+4+4+4+4		
<b>Output Side</b>			
Rated Output Power (kW)	60	70	75
Max. Active Power (kW)	60	70	75
Nominal Output Voltage / Range (V)	3L/N/PE 127V/220V, 133V/230V		
Rated Grid Frequency (Hz)	60Hz/55Hz-65Hz, 50Hz/45Hz-55Hz		
Operating Phase	Three Phase		
Rated AC Grid Output Current (A)	157.5/150.4	183.8/175.5	196.9/188
Max. AC Output Current (A)	157.5/150.4	183.8/175.5	196.9/188
Output Power Factor	>0.99		
Total Harmonics Current Distortion (THDi)	<3%		
DC Injection Current (mA)	<0.5%		
<b>Efficiency</b>			
Max. Efficiency	98.8%		
Euro Efficiency	98.3%		
MPPT Efficiency	>99%		
<b>Protection</b>			
DC Reverse-Polarity Protection	Yes		
AC Short Circuit Protection	Yes		
AC Output Overcurrent Protection	Yes		
Output Overvoltage Protection	Yes		
Insulation Resistance Protection	Yes		
Ground Fault Monitoring	Yes		
Anti-islanding Protection	Yes		
Temperature Protection	Yes		
Integrated DC Switch	Yes		
Remote Software Upload	Yes		
Remote Change of Operating Parameters	Yes		
Surge Protection	DC Type II / AC Type II		
<b>General Data</b>			
Cabinet Size (WxHxD mm)	1006×516×325.5 (Excluding Connectors and Brackets)		
Weight (kg)	103		
Topology	Transformerless		
Internal Consumption	<1W (Night)		
Running Temperature	-25-60°C, >45°C Derating		
Ingress Protection	IP65		
Noise Emission (Typical)	≤65 dB		
Cooling Concept	Smart Cooling		
Permissible Altitude (m)	4000		
Designed Lifetime	>20 Years		
Grid Connection Standard	NBR 16149, NBR 16150, EN 50549, RD 140		
Operating Surroundings Humidity	0-100%		
Safety EMC / Standard	IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2		
<b>Features</b>			
Display	LCD 240 × 160		
Interface	RS485/RS232/Wifi/LAN		