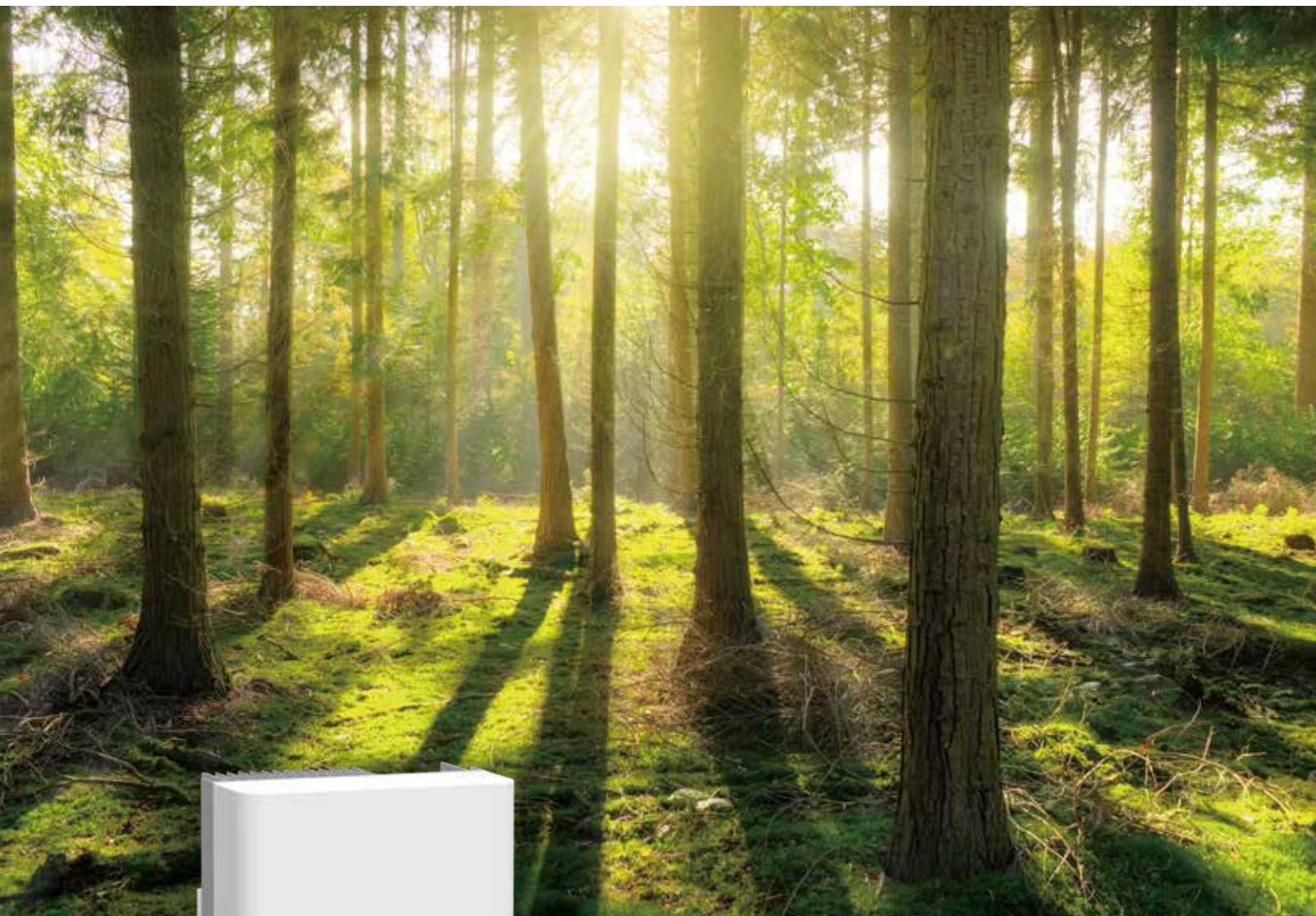


Three Phase String Inverter

SUN- 30 / 33 / 35 / 36 K-G04



2 MPP trackers, Max. efficiency up to 98.6%



Zero export application, VSG application



String intelligent monitoring (optional)



Wide output voltage range



Anti-PID function (Optional)

Deye

Stock Code: 605117.SH

Model	SUN-30K-G04		SUN-33K-G04		SUN-35K-G04		SUN-36K-G04	
Input Side								
Max. DC Input Power (kW)	39		42.9		45.5		46.8	
Max. DC Input Voltage (V)	1000							
Start-up DC Input Voltage (V)	250							
MPPT Operating Range (V)	200~850							
Max. DC Input Current (A)	40+40							
Max. Short Circuit Current (A)	60+60							
	2							
	3							
Output Side								
Rated Output Power (kW)	30		33		35		36	
Max. Active Power (kW)	33		36.3		38.5		39.6	
Nominal Output Voltage / Range (V)	3L/N/PE 220/380V, 230/400V							
Rated Grid Frequency (Hz)	50 / 60 (Optional)							
Operating Phase	Three phase							
Rated AC Grid Output Current (A)	45.5/43.5		50/47.8		53/50.7		54.5/52.2	
Max. AC Output Current (A)	50/47.9		55/52.6		58.3/55.8		60/57.4	
Output Power Factor	0.8 leading to 0.8 lagging							
Grid Current THD	<3%							
DC Injection Current (mA)	<0.5%							
Grid Frequency Range	47~52 or 57~62 (Optional)							
Efficiency								
Max. Efficiency	98.6%							
Euro Efficiency	97.8%							
MPPT Efficiency	>99%							
Protection								
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							
	DC Type II / AC Type II							
Size (mm)	362W×577H×215D							
Weight (kg)	25.5							
Topology	Transformerless							
Internal Consumption	<1W (Night)							
Running Temperature	-25~65							
Ingress Protection								