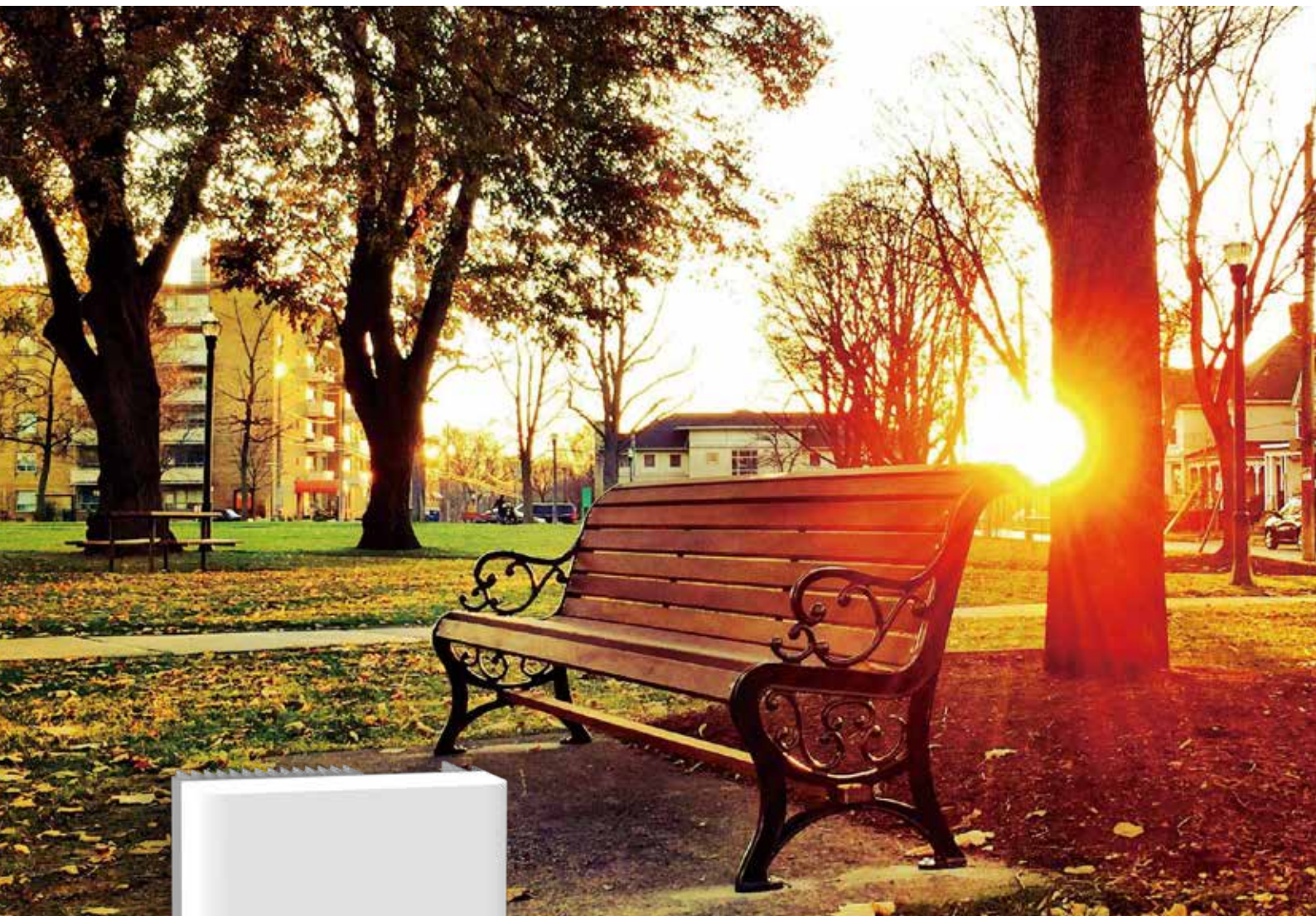


Three Phase String Inverter

SUN-18/20/25K-G04 SUN-18/20/25K-G05



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-18K-G04	SUN-20K-G04	SUN-25K-G04	SUN-18K-G05	SUN-20K-G05	SUN-25K-G05
Input Side						
Max. DC Input Power (kW)	23.4	26	32.5	23.4	26	32.5
Max. DC Input Voltage (V)			1000			
Start-up DC Input Voltage (V)			250			
MPPT Operating Range (V)			200-850			
Max. DC Input Current (A)		32+32			26+26	
Max. Short Circuit Current (A)		48+48			39+39	
No.of MPP Trackers			2			
No.of Strings per MPP Tracker		3+3			2+2	
Output Side						
Rated Output Power (kW)	18	20	25	18	20	25
Max. Active Power (kW)	19.8	22	27.5	19.8	22	27.5
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)	27.3/26.1	30.3/29	37.9/36.2	27.3/26.1	30.3/29	37.9/36.2
Max. AC Output Current (A)	30/28.7	33.3/31.9	41.7/39.8	30/28.7	33.3/31.9	41.7/39.8
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			
Surge Protection			DC Type II / AC Type II			
General Data						
Cabinet Size (WxHxD mm)	362×577×215 (Excluding Connectors and Brackets)			362×527×220 (Excluding Connectors and Brackets)		
Weight (kg)		23			20	
Topology			Transformerless			
Internal Consumption			<1W (Night)			
Running Temperature			-25-65°C, >45°C Derating			
Ingress Protection			IP65			
Noise Emission (Typical)			≤40 dB			
Cooling Concept			Smart Cooling			
Max. Operating Altitude Without Derating			2000m			
Warranty			5 Years			
Grid Connection Standard	VDE4105, IEC61727/62116, VDE0126, AS4777.2, CEI 0 21, EN50549-1, G98, G99, C10-11, UNE217002, NBR16149/NBR16150					
Operating Surroundings Humidity			0-100%			
Safety EMC / Standard		IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2				
Features						
DC Connection			MC-4 Mateable			
AC Connection			IP65 Rated Plug			
Display			LCD1602			
Interface			RS485/RS232/Wifi/LAN			