

# Sigen Hybrid Inverter

5.0 – 25.0kW Three Phase



- Battery ready, future proof
- DC ground-fault protection
- DC/AC ratio up to 1.6
- Up to 4 MPP trackers
- IP66 protection rating

# Sigen Hybrid Inverter 5.0–25.0 kW Three Phase

Preliminary

Sigen Hybrid	5.0 TP	6.0 TP	8.0 TP	10.0 TP	12.0 TP	15.0 TP	17.0 TP	20.0 TP	25.0 TP	Units
<b>DC Input</b>										
Max. PV power	8000	9600	12800	16000	19200	24000	27200	32000	40000	W
Max. DC input voltage										V
Nominal DC input voltage										V
Start-up voltage										V
MPPT voltage range										V
Number of MPP. trackers	2			3			4			
Number of PV strings per MPPT										
Max. input current per MPPT										A
Max. short-circuit current per MPPT										A
<b>AC Output (on-grid)</b>										
Nominal output power	5000	6000	8000	10000	12000	15000	17000	20000	25000	W
Max. output apparent power	5500	6600	8800	11000	13200	16500	18700	22000	27500	VA
Nominal output current	7.6	9.1	12.2	15.2	18.2	22.8	25.8	30.4	38.0	A
Max. output current	8.4	10.0	13.4	16.7	20.1	25.1	28.4	33.4	41.8	A
Nominal output voltage										V
Nominal grid frequency										Hz
Power factor										
Total current harmonic distortion										
<b>Efficiency</b>										
Max. efficiency										
European efficiency										
<b>Additional Features</b>										
Compatible battery module										
Number of modules per controller										
Battery module voltage range										
Peak output power (10 seconds)	7500	9000	12000	15000	18000	22500	25500	30000	30000	W
Nominal output voltage										V
<b>General Data</b>										
Dimensions (W / H / D)										
Weight										
Storage temperature range										
Operating temperature range										
Relative humidity range										
Max. operating altitude										
Cooling										
Ingress protection rating										
Installation method										
Communication										