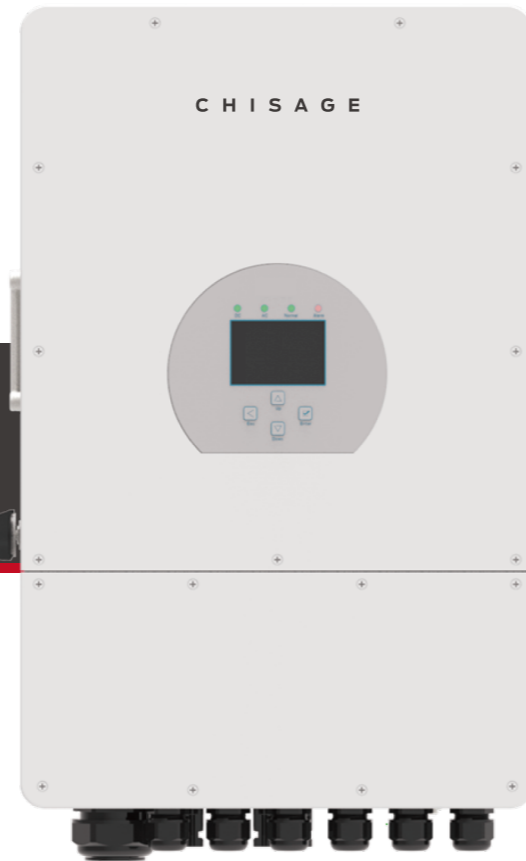


Three Phase Hybrid Inverter

CE-3P6/8/10/12K1G-LE-EU



Product Features

- Colorful touch LCD, IP65 protection degree
- Max. 10 pcs parallel for on-grid and off-grid operation
- 6 time periods for battery charge/discharge
- DC couple and AC couple to retrofit existing solar system
- Max. charge/discharge current up to 240A
- Support storing energy from diesel generator
- 100% unbalanced output, each phase max. output up to 50% rated power

Technical Data

Model	CE-3P6K1G-LE-EU	CE-3P8K1G-LE-EU	CE-3P10K1G-LE-EU	CE-3P12K1G-LE-EU
Battery Input Data				
Battery Type	Lead-acid or Lithium-ion			
Battery Voltage Range (V)	40~60			
Max. Charge Current (A)	150	190	210	240
Max. Discharge Current (A)	150	190	210	240
Charge Curve	3 Stages/Equalization			
External Temperature Sensor	Yes			
Charging Strategy for Li-Ion Battery	Self-adaption to BMS			
PV String Input Data				
Max. DC Input Power (W)	7800	10400	13000	15600
PV Input Voltage (V)	550 (160~800)			
MPPT Range (V)	200~650			
Full Load DC Voltage Range (V)	350~650			
Start-up Voltage (V)	160			
PV Input Current (A)	13+13		26+13	
Max. PV Isc (A)	17+17		34+17	
No. of MPPT Trackers	2			
No. of String per MPPT Trackers	1+1		2+1	
AC Output Data				
Rated AC Output and UPS Power (W)	6000	8000	10000	12000
Max. AC Output Power (W)	6600	8800	11000	13200
Peak Power (off grid)	2 times of rated power, 10s			
AC Output Rated Current (A)	7.6/7.2	12.1/11.6	15.2/14.5	18.2/17.4
Max. AC Current (A)	11.4/10.9	18.2/17.4	22.7/21.7	27.3/26.1
Max. Continuous AC Passthrough (A)	45			
Power Factor	0.8 leading to 0.8 lagging			
Output Frequency and Voltage (V)	50/60Hz, 220/380V, 230/400V, 3L/N/PE			
Grid Type	Three Phase			
Current Harmonic Distortion	THD<3% (Linear load<1.5%)			
Efficiency				
Max. Efficiency	97.60%			
Euro Efficiency	97.00%			
MPPT Efficiency	99.90%			
Protection				
Integrated	PV Input Lightning Protection, Anti-islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Output Over Voltage Protection			
Surge protection	DC Type II/AC Type III			
Certifications and Standards				
Grid Regulation	EN50549, VDE4105, AS4777, UNE217002, CEI 0-21, NRS 097, IEC61683, IEC60068, IEC62116, IEC61727			
Safety Regulation	IEC62109-1, IEC62109-2			
EMC	IEC61000-6-1, IEC61000-6-3, IEC61000-3-11, IEC61000-3-12			
General Data				
Operating Temperature Range (°C)	-40~60, >45 Derating			
Cooling	Fan			
Noise (dB)	<45			
Communication with BMS	RS485, CAN			
Weight (kg)	33.6			
Dimensions (mm)	422W×699.3H×279D			
Protection Degree	IP65			
Installation Style	Wall-mounted			
Warranty	5 years			