CROWN MICRO

IP65

ELEGO 8 **8KW**

PV-9000

Pure Sine Wave Hybrid Inverter
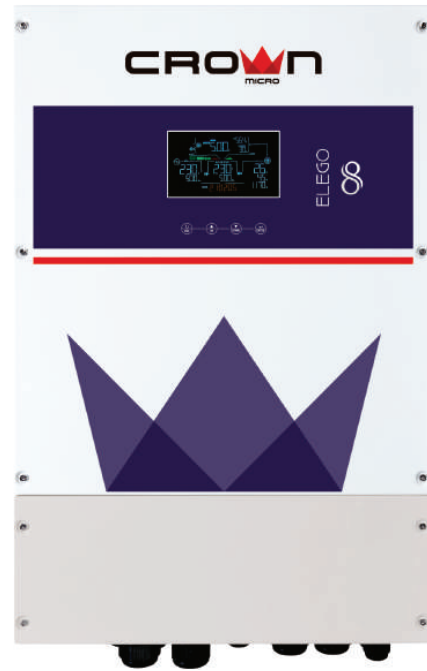
5 YEARS WARRANTY
3 Year Comprehensive
2 Years Free Services

≫ Features

- IP65 waterproof and dustproof makes the inverter available for various working conditions
- Feed-in to the grid
- 5" LCD with touch pad
- In-Built Wi-fi
- Selectable high power charging current
- Dual MPPT tracker 4500W X 2
- In-Built Dual output for smart load management

- Selectable input voltage range for home appliances and personal computers
- Compatible to Utility Mains or generator input
- In-Built Parallel operation up to 6 units
- Configurable AC/PV output usage timer and prioritization
- Reserved communication port for BMS (RS485, CAN-BUS or Rs232)
- Battery independent design

| Built-in Dual Output | LCD With Touch Pad | Max PV Input (4500W X 2) | IP65 | Feed In to the Grid | Parallel Operation up to 6 units | Built in Wi-fi & BMS | Dual MPPT Input |

Trusted brand of the world

Specification:

MODEL NAME	ELEGO-8KW-IP65
MODEL NUMBER	EOI-8KW-IP65
Rated Inverter Power	8000VA/8000W
PARALLEL CAPABILITY	YES, 6 units
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Computers)
	90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%
Surge Power	16000VA
Efficiency (Peak)	0.9
Transfer Time	10 ms (For Personal Computers), 20 ms (For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	<60W
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger type	MPPT
Maximum PV Array Power	**9000W (4500W x 2)**
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maxmum Solar Charge Current	150A
Maximum AC Charge Current	120A
Maximum Charge Current	150A
PHYSICAL	
Dimension, D X W X H (mm)	210 x 435 x 665
Net Weight (kgs)	32
Communication Interface	USB/RS-232/Dry Contact/RS485/WiFi/BMS
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10℃ to 50℃
Storage Temperature	-15℃ to 60℃
STANDARD	
Compliance Safety	CE

》 **Solar System Connection**

Sunlight
Solar modules
Battery packs
Utility grid
Home Appliances