



# PRODUCT CATALOGUE







## About Us

# CROWN MICRO GLOBAL

In 30 years history of CMG, we established a robust and trustworthy name & teamed as a member of the well-known SADITA Holding LTD. Devotion and progressive diligence is the first thing we set into our products to supply you with the finest.

Crown micro Global maintained the legacy of being prosperous and to create an influence, kept the hard work on and aimed to expand it all over the globe. Consequently, the time frame of 30 years made CMG to mark its name in the market of United Arab Emirates, Kuwait, Kingdom of Saudi Arabia, Pakistan, Lebanon, China, Russia, Kazakhstan, Argentina, Chile, South Africa, Tunisia, Egypt, Sudan, Kenya, Nigeria, Ghana, Ethiopia.

Crown Micro Global collaborates with more than 500 business clients around the world and is recognized as an international brand. With enthusiastic vision and team efforts, CMG has built its brand name worldwide by providing uncompromising and sustainable product quality with excellent work efficiency.

## Leadership Message

I, Asad Tahir as a representative and MD of **Crown Micro Global** acknowledge your support and integrity that help us to establish premium quality products and make its supply possible around the globe.

**Crown Micro Global** is my pride and making me more proud by making products that are not only desirable but are reachable to the general public. **Crown Micro Global** is ambitious in maintaining the product quality that is rare plus supplying the innovative technology that makes lifestyle much easier around the globe.







**LIVING BY STRONG VALUE IS THE KEY  
TO SUCCESSFUL BUSINESS**



Quite simply, a company is its people  
Crown Micro is giving wealth of opportunities  
for its people to utilize their full potential  
We invest in talent and allow our people to prosper



In today's fast-paced global economy  
change is constant, and innovation is  
critical to a company's survival



Everything we do, Crown Micro is driven by  
passion for excellence. It is our commitment  
to develop the best products and services



Operating in an ethical way, is the foundation  
of our business. We work with our business  
partners with complete transparency



# XAVIER

1200VA-900W  
2400VA-1600W

- Simulated sine wave solar inverter
- Built-in 60A MPPT solar charger
- Selectable output source priority via LCD setting
- Wide input voltage range: 90-280 VAC
- Overload and short circuit protection
- LCD\LED display for comprehensive information
- Anti-dust on PCB



Transfer  
Time



Max Efficiency  
85%



LCD

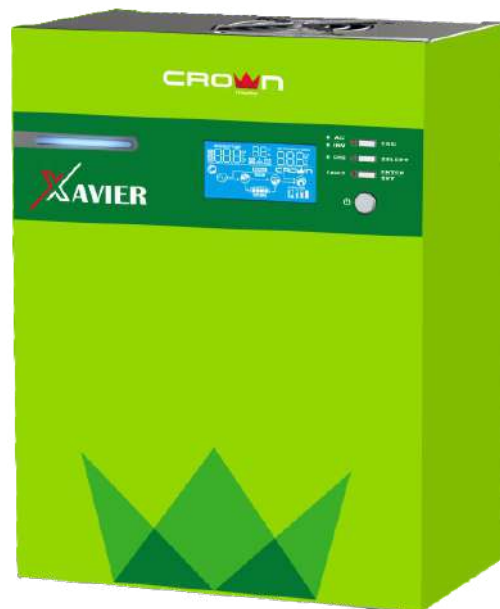


Solar Charger

# XAVIER

1200VA-900W  
2400VA-1600W

- Simulated sine wave inverter
- Wide input voltage range
- 10 A or 25 A standard AC charging current
- Desktop and wall-mounting for flexible display
- LCD\LED display for comprehensive information
- Overload, short circuit and polarity reverse protection
- Anti-dust on PCB



Transfer  
Time



LCD



Max Charge  
Current

# XAVIER <sup>US</sup> 1KW 2KW 3KW

- Pure sine wave solar MPPT based inverter
- Wide DC input range
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function



Transfer  
Time



VAC



Anti Dust  
Kit



Power Factor



LCD



## <sup>PV-3000</sup> XAVIER 3KW

- Pure sine wave solar MPPT based inverter
- Wide DC input range
- Battery independent design
- Maximum charging current 100A
- Built-in anti-dust kit
- 2.5" LCD with touch pad
- Battery equalization function to optimize battery performance and extend life cycle
- Output power factor 1
- Wi-fi (Optional)



Power Factor



VDC



Anti Dust  
Kit



Transfer  
Time



Max Efficiency  
93%



LCD With  
Touch Pad



Work Without  
Battery



# XAVIER

**PV-4000**  
4000VA/4000W

- ❖ Feed-in to the grid function
- ❖ Built-in Wi-fi for mobile monitoring (App is available)
- ❖ Supports USB On-the-Go function
- ❖ Battery independent design
- ❖ Battery equalization extends lifecycle
- ❖ User-friendly LCD operation
- ❖ Replaceable fan design for ease of maintenance
- ❖ Reserved communication port (RS485, CAN-BUS or RS232) for BMS
- ❖ Detachable LCD control module with various communications



Feed In to  
the Grid



RS232/485  
for BMS



Built-in  
Wi-fi



Transfer  
Time



Max Efficiency  
93%

## XAVIER II 3.6KW 5.6KW

- ❖ Pure sine wave solar MPPT based inverter
- ❖ 5" LCD & touch pad
- ❖ Maximum PV input current increases to 27A
- ❖ Dual outputs, for smart load management
- ❖ Wide PV input voltage range 60VDC~450VDC
- ❖ RGB light with crown logo
- ❖ Feed-in to the grid function (Xavier II 5.6KW)
- ❖ Output power factor 1
- ❖ Built-in 120A MPPT solar charger
- ❖ Battery equalization function to enabled to extend battery life cycle and performance
- ❖ Battery independent design



Built-in  
Dual Output



Feed In to  
the Grid  
(5.6KW)



VDC



PV Current



Transfer  
Time



Max Efficiency  
93%



LCD With  
Touch Pad



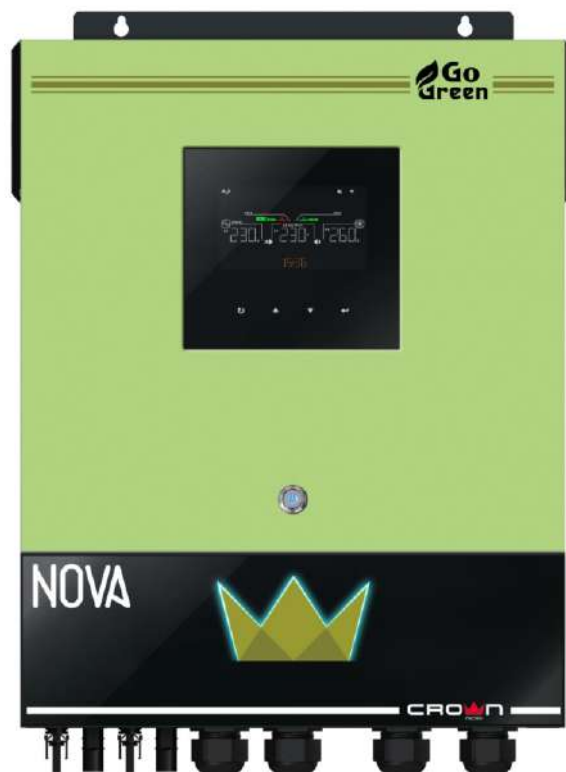
RGB  
Lights



# NOVA

**PV-12000**  
**8.2KW**

- Maximum PV input current 40A
- Status indication with RGB lights
- Built-in Wi-fi for mobile monitoring (Android/IOS App is available)
- Supports USB On-the-Go function
- Reserved communication port for BMS
- With inbuilt dual output
- Battery independent design
- With 5" LCD & touch pad
- Feed-in to the grid
- Built-in anti-dust kit
- Parallel operation with 6 units (Optional)
- Compatible to Utility Mains or generator input
- Configurable AC/PV output usage timer and prioritization
- Selectable input voltage range for home appliances and personal computers
- Selectable high power charging current



**Feed In to the Grid**



**RS232/485 for BMS**



**Built-in Dual Output**



**Dual MPPT Input**



**Built-in Wi-fi**



**Built-in BMS**



**Max Efficiency 93%**



**RGB Lights**



**LCD With Touch Pad**



# NOVA10

**PV-12000**  
**9.8KW**

- Maximum PV input current 40A
- Status indication with RGB lights
- Built-in Wi-fi for mobile monitoring (Android/IOS App is available)
- Supports USB On-the-Go function
- Reserved communication port for BMS
- With inbuilt dual output
- Battery independent design
- With 5" LCD & touch pad
- Feed-in to the grid
- Built-in anti-dust kit
- Parallel operation with 6 units (Optional)
- Compatible to Utility Mains or generator input
- Configurable AC/PV output usage timer and prioritization
- Selectable input voltage range for home appliances and personal computers
- Selectable high power charging current



**Feed In to the Grid**



**RS232/485 for BMS**



**Built-in Dual Output**



**Dual MPPT Input**



**Built-in Wi-fi**



**Built-in BMS**



**Max Efficiency 93%**



**RGB Lights**



**LCD With Touch Pad**



# ELEGO 6

**PV-7000**

6000VA / 6000W

- ❖ Pure sine wave solar MPPT based inverter
- ❖ inbuilt BMS & Wi-fi
- ❖ With inbuilt dual output
- ❖ With 5" LCD & touch pad
- ❖ With Max. PV input power to 7000W
- ❖ Self-consumption and Feed-in to the grid
- ❖ Programmable supply priority for PV, Battery or Grid
- ❖ User-adjustable charging current and voltage
- ❖ Monitoring software for real-time status display and control
- ❖ Parallel operation up to 9 units
- ❖ Battery Independent System
- ❖ Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup



**Feed In to  
the Grid**



**Built-in  
Dual Output**



**Parallel  
Operation  
up to 9 units**



**Built in  
Wi-fi & BMS**



**LCD With  
Touch Pad**



**Max PV  
Input  
7,000W**

# ELEGO

10KW-10000W

15KW-15000W

- ❖ Pure sine wave solar MPPT based inverter
- ❖ Self-consumption and Feed-in to the grid
- ❖ Programmable supply priority for PV, Battery or Grid
- ❖ User-adjustable battery charging current suits different types of batteries
- ❖ Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup
- ❖ Built-in timer for various mode of on/off operation
- ❖ Multiple communication for USB, RS-232, Modbus and SNMP
- ❖ Monitoring software for real-time status display and control
- ❖ Parallel operation up to 6 units for 10KW and 15KW



**Feed In to  
the Grid**



**Parallel  
Operation  
up to 9 units**



**RS232**



**Monitoring  
Software**



**Max Efficiency  
95%**

# IP65

# ELEGO 6

## PV-7000

6000VA / 6000W

- ☛ Pure sine wave solar MPPT based inverter
- ☛ IP65 waterproof and dust proof makes the inverter available for various working conditions.
- ☛ Self-consumption and Feed-in to the grid
- ☛ Programmable supply priority for PV, Battery or Grid
- ☛ Reserved communication port for BMS (Rs485)
- ☛ User-adjustable charging current and voltage
- ☛ Max PV input Power to 7000W
- ☛ Monitoring software for real-time status display and control
- ☛ Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup
- ☛ Parallel operation up to 9 units
- ☛ Dual output for smart load management
- ☛ LCD with touch pad, with inbuilt BMS



IP65



Feed In to the Grid



Built-in Dual Output



Built in Wi-fi & BMS



LCD With Touch Pad



Max PV Input 7000W



Parallel Operation up to 9 units



# IP65

# ELEGO 8

## PV-9000

8000VA / 8000W

- ☛ IP65 waterproof and dustproof makes the inverter available for various working conditions
- ☛ Dual output for smart load management
- ☛ Replaceable fan design for ease of maintenance
- ☛ Battery independent design
- ☛ Configurable AC/PV output usage timer and prioritization
- ☛ Selectable high power charging current
- ☛ Selectable input voltage range for home appliances and personal computers
- ☛ Compatible to Utility Mains or generator input
- ☛ Parallel operation up to 6 units
- ☛ LCD with touch pad, with inbuilt Wi-fi
- ☛ Reserved communication port for BMS (RS485, CAN-BUS or Rs232)
- ☛ Dual MPPT tracker 4500W X 2



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



**IP65**

**ELEGO** 10KW  
12KW  
15KW

- IP65 waterproof and dustproof makes the inverter available for various working conditions.
- Built-in Wi-fi for mobile monitoring (App is available)
- 150% unbalanced load support
- Maximum PV input current per MPPT 27A
- Dual outputs for smart load management
- User-adjustable charging current
- Reserved communication port for BMS (RS485)
- Parallel operation up to 6 units
- 5" LCD with touch pad



**Built-in  
Dual Output**



**150%  
unbalanced  
load support**



**IP65**



**Feed In to  
the Grid**



**Parallel  
Operation  
up to 6 units**



**Dual MPPT  
Input**



**Built in  
Wi-fi & BMS**



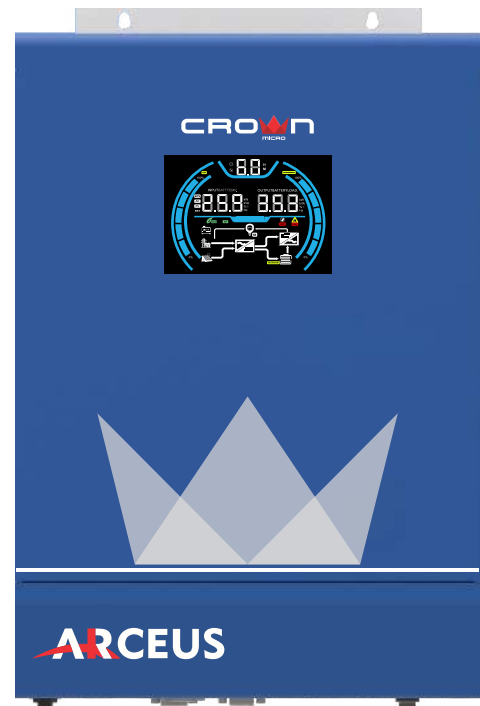
**LCD With  
Touch Pad**

**ARCEUS**

**PV-6000**

**5000VA/5000W**

- Pure sine wave solar MPPT based inverter
- Output power factor 1.0
- Compatible to AC mains or generator inputs
- 5" LCD display for comprehensive information
- Battery independent design
- Parallel up to 9 units (Optional)
- Auto restart while AC is recovering
- Configurable AC/Solar input priority via LCD setting
- Selectable input voltage range for home appliances and personal computer loads
- Dual output for smart load management
- Wi-fi (Optional)



**Built-in  
Dual Output**



**Feed In to  
the Grid**



**Max PV  
Input  
6000W**



**Parallel  
Operation  
up to 9 units**



**Work Without  
Battery**



**Transfer  
Time**



**LCD With  
Touch Pad**

# Relvo

4200VA/4200W  
6200VA/6200W

- ❖ Pure sine wave solar MPPT based inverter
- ❖ Feed into the grid
- ❖ Output power factor 1.0
- ❖ Wi-fi & GPRS is available for IOS and Android (Optional)
- ❖ Inverter without battery
- ❖ One-click restoration to factory Settings
- ❖ Built-in 120A solar charger
- ❖ High PV input voltage range (90-450VDC)
- ❖ Built-in anti-dust kit for harsh environment
- ❖ Smart battery charge design to optimize battery life



**Feed In to  
the Grid**



**Anti Dust  
Kit**



**Work Without  
Battery**

**ONGRID INVERTER 10KW ~ 15KW**

**VOL/MORE**  
*Ultimate Technology Provider*



## EASY-TO-INSTALL

- Quick and easy-to-install with basic tools
- Sufficient installation accessories and various optional accessories
- Quick set up WIFI to APP

## RELIABLE

- International quality standards
- IP65 waterproof for outdoor use

## USER-FRIENDLY

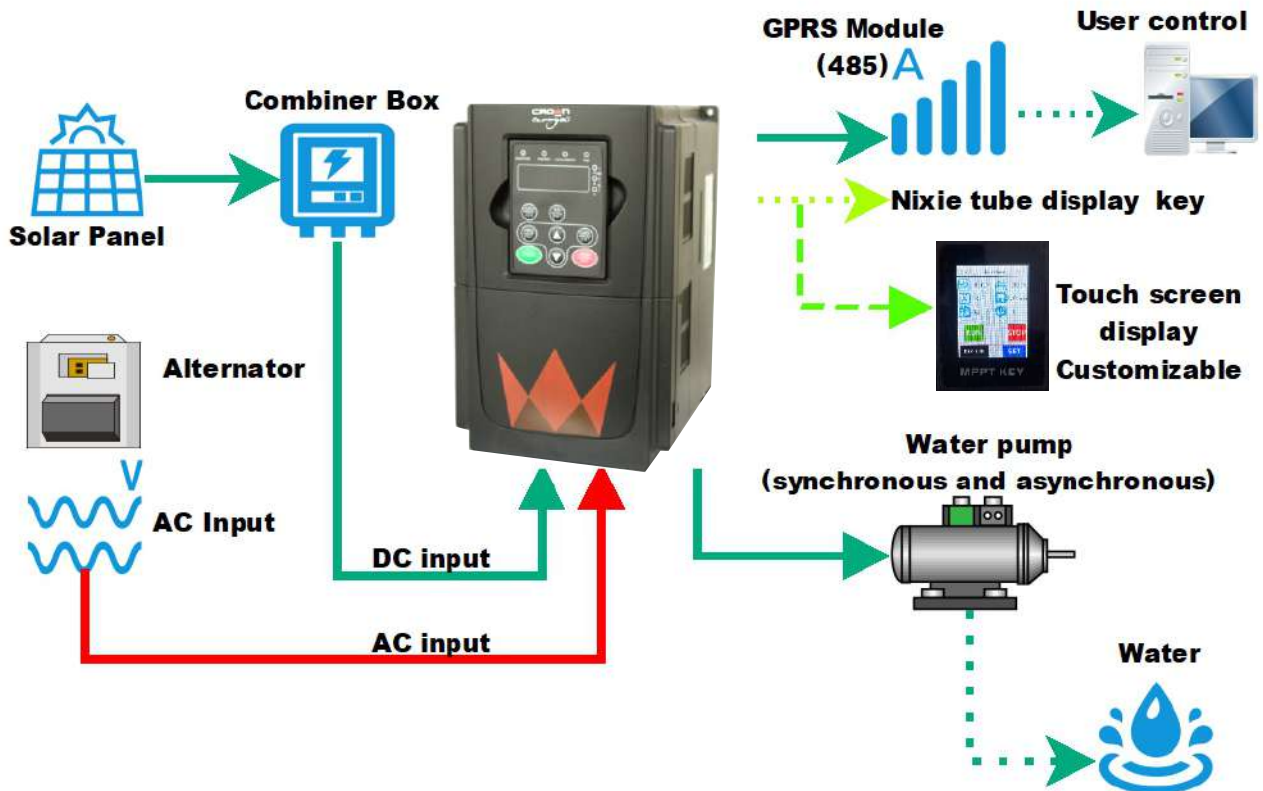
- Dual MPPT for efficient tracking
- Particular design for anywhere
- Smart string monitoring



**VFD INVERTER**

**2.2KW ~ 90KW**

## **MPPT SOLAR PUMPING SYSTEM**



- ❖ MCU controlled
- ❖ Auto run controlled by programme
- ❖ Water level sensors for safe dry run and tank full
- ❖ Remote Switch control
- ❖ Online monitoring GPRS / Wi fi(optional)

Our VFD's are installed in various regions of Asia and Africa with best results and consistent quality



## UPS

### LINE INTERACTIVE UPS 500VA to 3000VA



### ONLINE UPS 1KVA to 600KVA

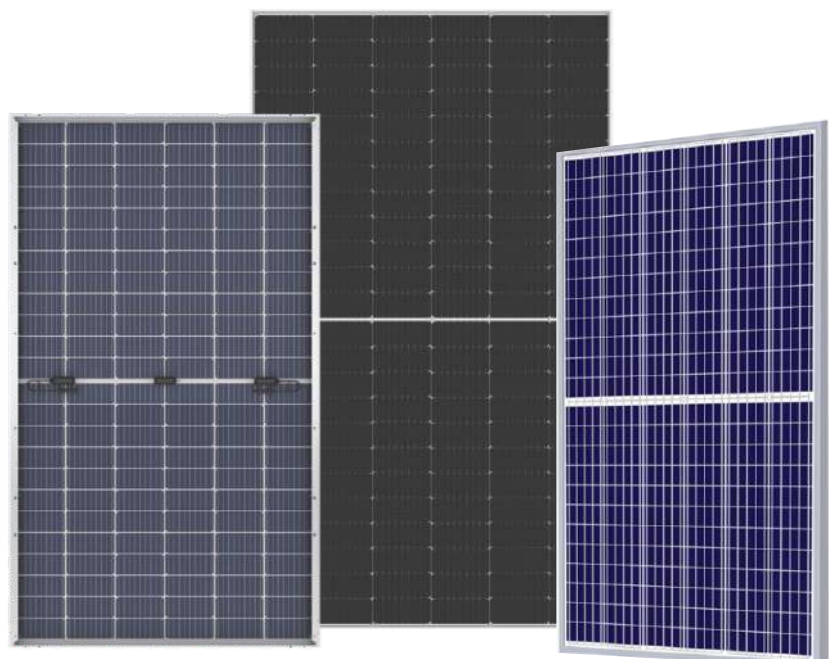
## SOLAR PANEL

**LONGi**

**ZNSHINE**SOLAR

**CanadianSolar**

**risen**



**12** 12 YEARS PRODUCT WARRANTY

**25** 25 YEARS OUTPUT GUARANTEE

# BATTERIES

## AGM BATTERIES

5AH to 200AH



## GEL BATTERIES

100AH to 250AH

Energy Storage Battery  
VRLA AGM | Non-spillable | Maintenance Free



## LITHIUM ION PHOSPHATE BATTERIES

12V - 24V - 48V

5KWH Batteries



# CERTIFICATES



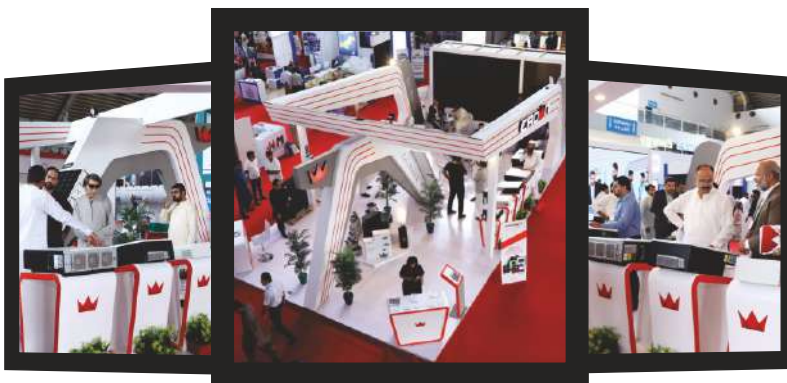


# EXHIBITIONS

## WETEX Dubai Solar Shows (2022)



## ISEM Exhibition (2022)



## Solar Pakistan Exhibition (2022)



## Solar Pakistan Exhibition (2022)









**CROWN**  
MICRO



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