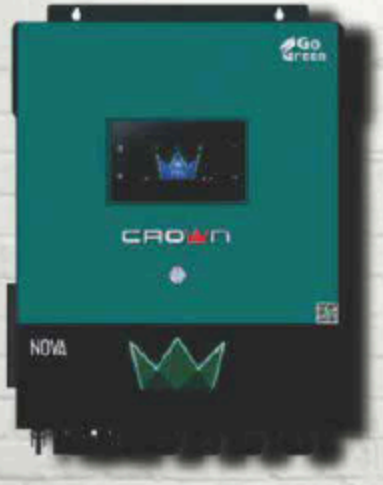
- Feed-in to the Grid
- Built-in Wi-Fi
- Dual MPPT Input
- Separate Generator Port Available
- Dual Output
- Built-in 150A MPPT solar charger
- BMS — Built-in BMS
- LCD with Touch Pad
- Parallel Operation up to 6 Units



NOVA 8.6KW 9.8KW

PV - 14000

6 YEARS WARRANTY
Terms & Conditions Apply



MODEL NAME	NOVA-8.6KW	NOVA-9.8KW
RATED POWER	**8600VA/8600W**	**9800VA/9800W**
Parallel Capability	Yes, 6 units	
INPUT		
Voltage	230VAC	
Selectable voltage range	170 ~ 280VAC (for computers) 90 ~ 280VAC (for home appliances)	
Frequency range	50 Hz / 60 Hz (auto sensing)	
OUTPUT		
AC voltage regulation (batt. mode)	230VAC ± 5%	
Surge power	16000VA	22000VA
Efficiency (peak)	93%	
Transfer time	10 ms (for personal computers) 20 ms (for home appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery voltage	48VDC	
Floating charge voltage	54VDC	
Overcharge protection	63VDC	
SOLAR CHARGER & AC CHARGER		
Max. PV array power	14000W (7000W*2)	
MPPT range @ operating voltage	90 ~ 450VDC	
Max. PV array open circuit voltage	500VDC	
Max. PV input current	27A * 2 (MAX 40A)	
Max. solar charge current	150A	
Max. AC charge current	150A	
Max. charge current	150A	
GENERAL SPECIFICATION		
Dimension, D*W*H (mm)	158.4*503.6*530.8	147.4*432.5*553.6
Net weight (Kgs)	19.7	20
Communication interface	USB/RS232/RS485/Wi-fi/Dry-contact	
OPERATING ENVIRONMENT		
Humidity	5% to 95% relative humidity(non-condensing)	
Operating temperature	-10°C to 50°C	
Storage temperature	-15°C to 60°C	