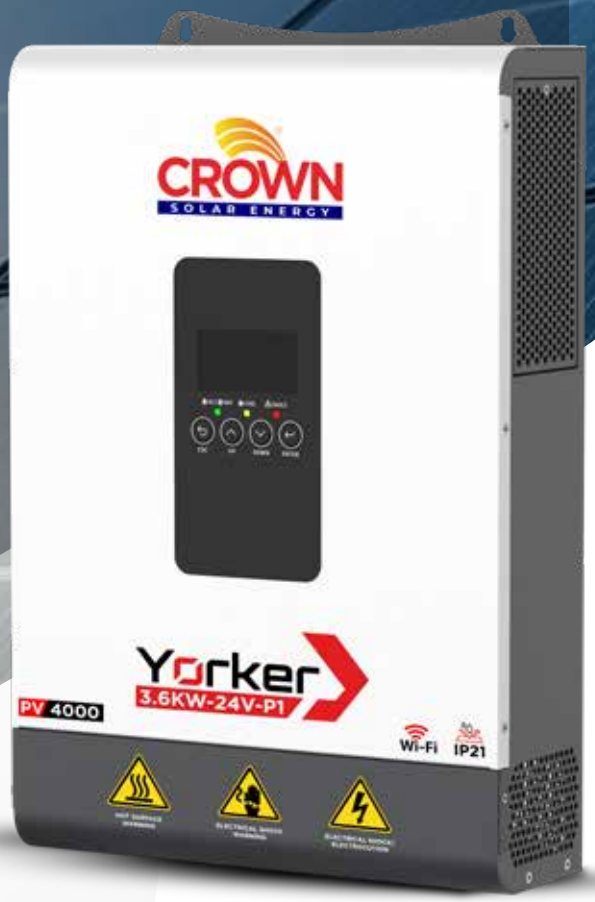
CROWN
SOLAR ENERGY

3 YEARS
REPLACEMENT
WARRANTY



Yorker

CSE-Y3.6K24VP1 \ Single Phase Hybrid Inverter

- Ti 28 series DSP ensures fast stable, and reliable operation.
- It supports Crown Elektraboost and lead-acid batteries.
- Supports bidirectional DC soft start, extending service life.
- Built-in MPPT solar charge controller tracking efficiency up to 99.5%

WORKS WITHOUT BATTERY

100A CHARGE CONTROLLER

4000W MPPT (SUPPORT UPTO 600W+ SOLAR PANELS

ANTI DUST KIT

SOLAR OF THINGS APP FOR REMOTE MONITORING.

24/7 AFTER SALES SERVICE

CROWN EASY REPLACEMENT WARRANTY

TECHNICAL PARAMETERS

MODLE NAME	CSE-Y3.6K24VP1
ProductType	Single Phase Hybrid Inverter
Battery	
Battery Type	lithium/Lead-acid
Voltage (range)	21-30.2 d.c.V
Nominal Battery Voltage	24 d.c.V
Discharge Current (Maximum Continuous)	125 d.c.a
Charge Current (Maximum Continuous)	120 d.c.a
PV Input	
MAX. PV Input Power	4000 W
MPPT Tracking Range	120-500 V d.c.
Best Voltage	300-400 V d.c.
Vmax PV (absolute maximum)	500 V d.c.
PV Input Operating Voltage Range	120-430 V d.c.
Full Power MPPT Voltage Range	120-430 V d.c.
Maximum Operating PV Input Current	12 A d.c.
Isc PV (absolute maximum)	18 A d.c.
AC Input	
Voltage (Nominal)	220/230 a.c.V
Current (Maximum Continuous)	40 a.c.A
Frequency (nominal)	50/60Hz
AC Output	
Voltage (Nominal)	220/230 a.c.V
Current (Maximum Continuous)	13.6 a.c.A
Frequency (Nominal)	50/60Hz
Power (Maximum Continuous)	3600VA
Power Factor	1.0 Leading t o 1.0 lagging
Maximum Output Over Current Protection	20A (200ms)
General Parameter	
OperatingTemperature	-10~+50°C (output power linearly derating to 80% when exceed +40 to +50°C)
Humidity	20%-95%(Non-condensing)
StorageTemperature	-10~60°C
Altitude	Not Over 1000m, Derating over 1000m, Max 4000m. Refer to IEC62040
Noise	≤50dBA
Size	285x371x180mm
Net Weight/Gross Weight	8.8kg/10kg
Display and Communication	
LCD Display	Display Running Mode/Loads/Input/Output etc.
RS232 Communication	Baud Rate 2400 (9600 for 3K6)
Port Parallel Connect	LithiumBatteryBMSCommunicationCard.DryContact
Interface Operating	WithoutParallelConnect