



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



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