



CSE-Y2K12VP1 \ Single Phase Hybrid Inverter



TI28 Series DSP ensures fast, stable and reliable operation.



Supports Crown Elektra Boost lithium and lead-acid batteries.



Bidirectional DC soft-start technology extends the inverter's service life.



Built-in MPPT solar charge controller with tracking efficiency up to 99.5%.



**WORKS
WITHOUT
BATTERY**



**100A
CHARGE CONTROLLER**



**3000W
MPPT (SUPPORT UPTO
700W+ SOLAR PANELS)**



**ANTI
DUST
KIT**



**SOLAR OF THINGS
APP FOR REMOTE
MONITORING.**

**24/7
AFTER SALES
SERVICE**



TECHNICAL PARAMETERS

MODLE NAME	CSE-Y2K12VP1
ProductType	Single Phase Hybrid Inverter

Battery

Battery Type	AGM / FLD / LIB / FEL / CUS
Voltage (range)	10.5-16V
Nominal Battery Voltage	12.5V @ 25°C
Charge Current (Maximum Continuous)	100A

PV Input

MAX. PV Input Power	3000W
MPPT Tracking Range	30-400Vdc
Vmax PV (absolute maximum)	450Vdc
PV Input Operating Voltage Range	40-450Vdc
Maximum Operating PV Input Current	18A

AC Input

Voltage (Nominal)	208/220/230/240Vac
Current (Maximum Continuous)	17A
Frequency (nominal)	50/60Hz

AC Output

Voltage (Nominal)	208/220/230/240Vac
Frequency (Nominal)	50/60Hz
Power (Maximum Continuous)	2kW, Battery + PV / 1.6kW, Battery
Power Factor	1
Maximum Output Over Current Protection	Breaker, 17A

General Parameter

OperatingTemperature	-10°C to 60°C
Humidity	5%-95%, non-condensing
StorageTemperature	-15°C to 60°C
Altitude	Maximum 4000m; derating above 2000m
Size	338 × 268 × 104mm
Net Weight	Approx. 4.5kg

Display and Communication

LCD Display	LCD
RS232 Communication	RS485 / CAN / RS232
Interface Operating	Wi-Fi