



CSE-Y6K48VP1 \ 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**



9000W
MPPT (SUPPORT UPTO
600W+ SOLAR PANELS)



120A
CHARGE CONTROLLER



**ANTI
DUST
KIT**



IP21
INGRESS PROTECTION
RATED



SOLAR OF THINGS
APP FOR REMOTE
MONITORING.

24/7
AFTER SALES
SERVICE



TECHNICAL PARAMETERS

MODLE NAME

CSE-Y6K48VP1

ProductType

Single Phase Hybrid Inverter

Battery

Battery Type	lithium/Lead-acid
Voltage (range)	42-61V
Nominal Battery Voltage	48 d.c.V
Charge Current (Maximum Continuous)	120 d.c.a

PV Input

MAX.PV Input Power	9000W
MPPT Tracking Range	60-450Vd.c.
Best Voltage	300-340 Vd.c.
Vmax-PV (Absolutemaximum)	500 d.c.V
Maximum Operating PV-Input Current	32A

AC Input

Voltage (Nominal)	220/230 a.c.V
Current (Maximum Continuous)	40a.c.A
Frequency (nominal)	50/60Hz

AC Output

Voltage (Nominal)	220/230 a.c.V
Current (Maximum Continuous)	27A
Frequency (Nominal)	50/60Hz
Power (Maximum Continuous)	6000VA
Power Factor	1
Maximum Output Over Current Protection	10s@110%-130%Load 0.2s@>150% Load

General Parameter

OperatingTemperature	-10-+15℃ (output Power Linely Derating When Exceed +50℃)
Humidity	20% -95% (Non-Condensing)
StorageTemperature	-15 - 60℃
Altitude	Not Over 1000m, Derating Over 2000m, Max 4000m. Refer to IEC62040
Noise	≤50dBA
Size	334x413x119mm
Net Weight/Gross Weight	8.82

Display and Communication

LCD Display	DisplayRunningMode/Loads/Input/Outputetc.
RS232 Communication	Baud Rate 2400 (9600 for 3K6)