



YorkerPro

CSE-Y(P)5K24VP1 \ CSE-Y(P)6.5K48VP1 \ Single Phase Hybrid Inverter



Ti 28 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/160A
CHARGE CONTROLLER



IP54
INGRESS PROTECTION
RATED



SOLAR OF THINGS
APP FOR REMOTE
MONITORING.

24/7
AFTER SALES
SERVICE



TECHNICAL PARAMETERS

MODLE NAME	CSE-Y(P)5K24VP1	CSE-Y(P)6.5K48VP1
ProductType	Single Phase Hybrid Inverter	

Battery

Battery Type	AGM / FLD / LIB / FEL / CUS	
Voltage (range)	21V-30.5V	42-61V
Nominal Battery Voltage	24 d.c.V	48 d.c.V
Charge Current (Maximum Continuous)	160 d.c.a	130 d.c.a

AC Input

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

AC Output

Output Topology	L + N + PE	
Nominal Voltage	208 / 220 / 230 / 240 VAC	
Output Power	Bat: 4KW Bat + PV: 5KW	Bat: 6KW Bat + PV: 6.5KW
Note: When setting output voltage to 208V, output power rating reduces to 90%.		
Waveform	Sinusoidal	
Voltage Regulation	±5%	
DC offset	±100mV (Bat mode)	
Nominal Frequency	50 / 60Hz	
Freq. Line Mode	50Hz (40 - 60)Hz (UPS mode) (40 - 70)Hz (APP/GEN mode) 60Hz (50 - 70)Hz (UPS mode) (40 - 70)Hz (APP/GEN mode)	50Hz (43.5 - 56.5)Hz (UPS mode) (40 - 70)Hz (APP/GEN mode) 60Hz (53.5 - 56.5)Hz (UPS mode) (40 - 70)Hz (APP/GEN mode)
Battery Mode	50 / 60Hz	
Frequency Regulation	0.1%	

PV Charging

PV Charging Method	MPPT	
PV Maximum Input Power	27A / 9000W	
Efficiency	99.5% max	
MPPT Range	60 ~ 450 Vdc	
Minimum Activation Voltage	80V	
Max PV Voltage	500 Vdc	
Max PV Charge Current	2 ~ 160A	2 ~ 120A
Max Charging Current	160A (After working for a few minutes the maximum charging current may be reduced to between120 and 130A.)	130A

General Data

HMI	LCD
Interface	RS485 / CAN / RS232
Monitoring	WiFi
Ingress Protection	IP54
Operating Temperature	-10°C ~ 60°C
Relative Humidity	5% ~ 95% (Non-condensing)
Storage Temperature	-15°C ~ 60°C
Max. Operating Altitude	4000m (Derating above 2000m)
Size (mm)	487.2x347.6x122.7