

Specifications

Model

PC15KT-E/A

AC Output (Discharging)

Rated Power	15 kW (90 kW / 6 in Parallel)
Rated Voltage / Frequency	380 V / 400 V 50 / 60 Hz
Rated Current	3 x 21.8 A
Single-Phase	220V / 230V AC, Rate power 5KW; Max 7.5KW @ 1 hour
Apparent Power	22500 kVA
AC Connection	3W+N
Overload Capacity	120% @10min / 200% @10S

AC Input (Charging)

Rated Power	15 kW
Rated Voltage / Current	380 V / 400 V 22.5 A
Single Phase / Current	220 V / 230 V 22 A (Optional), Single phase to three phases converter (optional accessory)
THDI	≤3%
AC Connection	3W+ N

Battery

Battery Chemistry	LiFePO ₄
DoD	90%
Rated Capacity	33 kWh (Max. 198 kWh / 6 in Parallel)
Voltage	550 ~ 950 VDC

DC Input (PV)

Max. Power	30 kW
Number of MPPT / Number of MPPT Input	2-2
Max. Input Current	30 A / 30 A
MPPT Voltage Range	160 ~ 950 V
Number of String per MPPT	2 / 2
Start-up Voltage	180 V

Physical

Ingress Rating	IP54
Scalability	Max. 6 in Parallel
Relative Humidity	0 ~ 100% Non-condensing
Fire Suppression System	Hot Aerosol (Cell & Cabinet)
Max. Efficiency	98% (PV to AC); 94.5% (BAT to AC)
Topology Operating Ambient	Transformerless
Temperature	-20 ~ 50°C (-4 ~ 122°F)
Noise Emission (dB)	≤ 70
Cooling	Natural Cooling
Altitude (m)	4000 (>2000 Derating)
Weight (kg)	670 kg (1477 lbs)
Dimensions (LxWxH)	1100 x 1100 x 1000 mm (43.3 x 43.3 x 39.3 inch)

Standard Compliance

Battery: CB (IEC 62619), UN38.3
System: CE-EMC (EN 61000-6-2/4); CE-LVD(EN 62477-1; EN 62109-1/2;)