

Energy-Efficient & Cost-Effective C&I ESS

PowerGo Series PC15KT Mobile Hybrid Energy Storage System

Unlock Great Power &
Profit for Your Projects



Specifications

Model

PC15KT-E/A

AC Output (Discharging)

Rated Power (kW)	15 (90 / 6 in Parallel)
Rated Voltage / Frequency	380 V / 400 V 50 / 60 Hz
Rated Current (A)	21.8
Single-Phase	220V / 230V AC, Rate power 5KW; Max 7.5KW @ 1 hour
Rated Bypass Power (kVA)	22.5
AC Connection	3W+N+PE
Overload Capacity	120% @10min / 22kW @10S

AC Input (Charging)

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

Battery

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

DC Input (PV)

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

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 (°C/°F)	-20 ~ 50 (-4 ~ 122)
Noise Emission (dB)	≤ 45
Cooling	Natural Cooling
Altitude (m)	4000 (>2000 Derating)
Weight (kg / lbs)	670 / 1477
Dimensions (LxWxH) (mm / inch)	1040 x 1092 x 1157 / 40.94 x 42.99 x 45.55

Standard Compliance

Inverter: CE