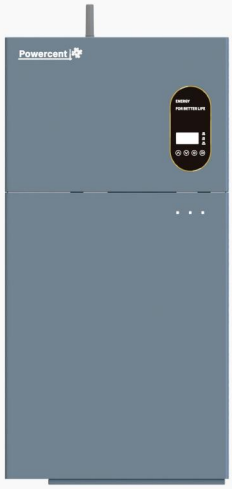
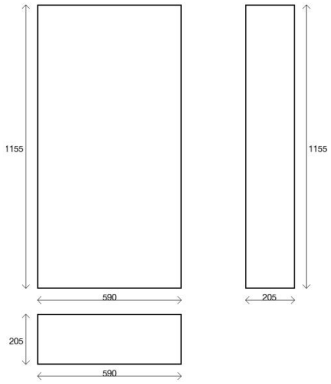
PC-CX All-in-One ESS



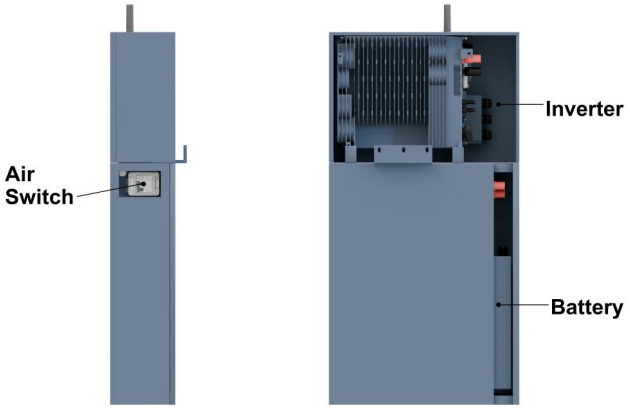
All-in-One ESS
一体式储能系统

- **96V 光・柴・储一体机**
  96V PV-Diesel-Storage All-in-One, Off-Grid
- **十年质保・逆变器 & 电池**
  10-Year Warranty (Inverter & Battery)
- **家庭级低噪音设计**
  Home Low-Noise Design
- **安全便捷安装・≤30 分钟省 30% 人工**
  Easy Install ≤30 min, Save 30% Labor Cost
- **云端监控 App**
  Cloud Monitoring App

几何尺寸 Dimensions



结构 Structure



参数 Parameter	单位 Unit	CX
额定输出功率 Nominal Output Power	kW	5
电池化学体系 Battery Chemistry		LFP
最大光伏输入功率 Max. PV Input Power	kW	10
最大光伏输入电流 Max. PV Input Current	A	15 / 15
最大光伏输入电压 Max. PV Input Voltage	V	580
MPPT 电压范围 MPPT Voltage Range	V	100-550
最大充放电电流 Max. Charging / Discharging Current	A	60
最大充放电功率 Max. Charging / Discharging Power	kW	5
额定频率 Rated Frequency	Hz	50 / 60
额定电压 Rated Voltage	V	230
最大逆变效率 Max. Inverter Efficiency	%	97.30
防护等级 IP Protection		IP65
相对湿度 Relative Humidity		0-90% (No Condensation)
尺寸（宽×高×深） Dimensions (W×H×D)	mm	590×1155×205
重量 Weight	kg	19.5
模组容量 Module Capacity	kWh	10.1
可用容量 Usable Capacity	kWh	9.6
放电深度 Depth Of Discharge (DoD)	%	95
额定电压 Nominal Voltage		96 V (High Voltage)
电池电压范围 Battery Voltage Range	V	91.5-106.5
最大充放电电流 Max. Charging / Discharging Current	A	60
工作温度范围 Operating Temperature Range	℃	-10 - 50
循环寿命 Cycle Life		10000