

Model	Powerhub EV
System Specification	
Nominal Output Power / UPS	50000
AC Output Frequency and Voltage	50/60Hz; 3L/N/PE 220/380, 230/400Vac
Grid Type	Three-Phase
Number of Parallel	6
Energy Configuration (kWh)	122.8
Dimensions (W x D x H mm)	1764 x 1050 x 2250
Weight Appr. (kg)	1980
AC Output Rated Current (A)	75.8
Battery Operating Voltage (V)	500 ~ 700
Max. Charging / Discharging	91%
IP Rating of Enclosure	LiFePO ₄
Installation Style	Floor Mounted
Inverter Technical Specification	
Max. PV Input Power (W)	65000
Max. PV Input Current (A)	36 + 36 + 36 + 36
Rated PV Input Voltage (Vdc)	600
Start Up DC Voltage (Vdc)	180
MPPT Voltage Range (Vdc)	150 - 850
Max. PV Short-Circuit Current (A)	55 + 55 + 55 + 55
Number of MPPT	4
Peak Power (Off-Grid)	1.5 time of rated power, 10s
Power Factor	0.8 leading to 0.8 lagging
THD	<3%
DC Injection Current (mA)	<0.5%In
Display	LCD
Operating Temperature Range	-40 ~ 60 (>45°C derating)
Relative Humidity	15% ~ 85% (no condensing)
Dimensions (W x D x H mm)	527 x 294 x 894
Inverter Communication	CAN,RS485,WiFi,ETH
Grid Regulation	VDE4105,IEC61727/62116,VDE0126,AS4777.2,CEI 0 2, EN50549-1,G98,G99,C10-11,UNE217002,NBR16149
Max. Efficiency	97.6%
MPPT Efficiency	99.9%
Charger Technical Specification (Powerhub EV Only)	
Output Rated Power (kW)	30
Output Voltage (V)	150 - 1000
Output Current (A)	75
Charge Connector	CCS2
Certification	CE,CB
Battery Module Energy (kWh)	5.12