

Energy Storage System



Models	POWERCUBE-X1 (336V50AH)	POWERCUBE-H1 (720V50AH)	POWERCUBE-H2 (576V74AH)	POWERCUBE-M1 (736V148AH)
Battery System Capacity (kWh)	16.8	36	42.62	108.93
Battery System Voltage (Vdc)	336	720	576	736
Battery System Capacity (AH)	50	50	74	148
Battery Module	H48050	H48050	H48074	H32148
Battery Module Capacity (kWh)	2.40	2.40	3.55	4.74
Battery Module Quantity (pcs)	7	15	12	23
Battery System Charge Upper-Voltage (Vdc)	378	810	648	828
Battery System Charge Current (Standard)	10	10	15	30
Battery System Charge Current (Normal)	25	25	37	74
Battery System Charge Current (Max.)	50	50	74	148
Battery System Discharge lower-Voltage (Vdc)	315	675	540	690
Efficiency	96%	96%	96%	96%
Depth of Discharge	80% (10~90%)	80% (10~90%)	80%(10~90%)	80%(10~90%)
Dimension(W*D*H, mm)	600*505*1300	600*505*2140	600*505*2140	815*659*2130
Weight (kg)	250	400	450	1,250
Operation Life	10+Years	10+Years	10+Years	10+Years
Operation Cycle Life	3,500	3,500	3,500	3,500
Operation Temperature	0~50°C	0~50°C	0~50°C	10~40°C
Storage Temperature	-20~60°C	-20~60°C	-20~60°C	-20~60°C
Battery Modules Qty. (Optional)	3~7 pcs	5~15 pcs	5~12 pcs	1~23 pcs
Product Certificate	TÜV,CE	TÜV,CE	TÜV,CE	TÜV,CE

PowerCube



Models	20 ft High Voltage System Container	40 ft High Voltage System Container
	POWERCUBE-20H	POWERCUBE-40H
System Capacity (MWh)	1.3	2.6
System Voltage Range(Vdc)	736(690-828)	736(690-828)
Dimension(W*D*H, M)	6.058×2.438×2.896	12.192×2.438×2.896
Weight(Ton)	18	35
Ambient Temperature	-20~50°C	-20~50°C
Communication	CAN/RS485	CAN/RS485

System design can be customized according to the requirement