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SPECIFICATION

ABLE PORTABLE HYBRID ENERGY SYSTEM PAK520-250



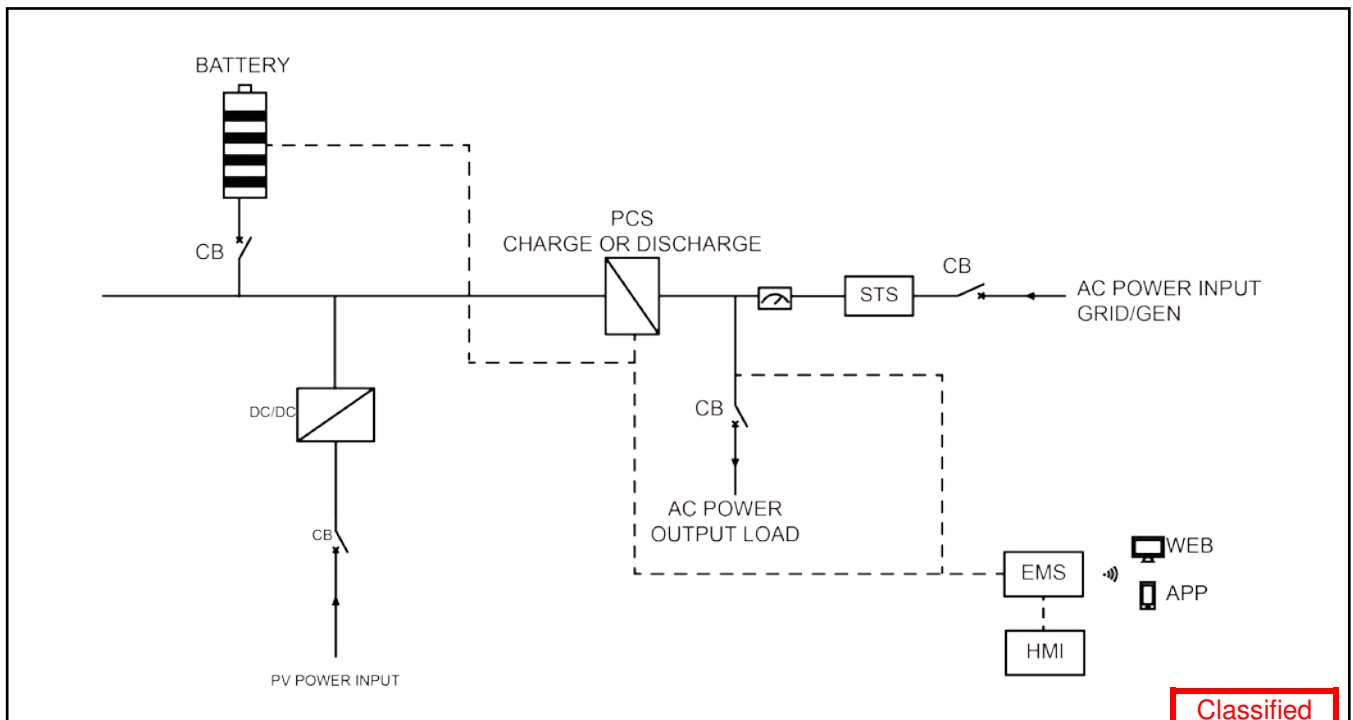
PAK520-250 Commercial Energy Storage System

Item	Unit	Data		
Voltage	AC V	380	400	415
Max. output power	kVA/kW	300/300	300/300	300/300
Max. current	A	456	433	417
Continuous output power	kVA/kW	250/250	250/250	250/250
Continuous current	A	380	361	348
Overload capability		110% last 10mins, 120% last 1min (SOC>30%, AT<45°C)		
Frequency	Hz	50		
Phase	P	3		
Power factor	PF	1		
Dimensions	mm	4030×1600×2150		
Dry weight	kg	7000		
40' Loading	Qty	2		
Protection class		IP54		
Noise level	dBA@7m	58		
Wiring port		L1、L2、L3、N、PE		
Voltage regulation range		±1%		
Load adaptation characteristics		Inductive load, resistive load		
Power connection output		AC socket: 3P/4W, 1x250kW AC busbar: 3P/5W, 1x250kW AC socket 1p, 1x16a, 1x 20a. 3p, 1x32a		
Power connection input		AC socket: 3P/4W, 1x250kW, DC 4x 50KW		
Certification standards		 UN 38.3  IEC 62619  IEC 62477  IEC / EN 60529 EN 61000-6-1/2/3/4 AS 4777.2 G99 CE Declaration of Conformity		

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System Working Principle



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Intelligent Energy Management



DC/AC System		
Rated power	kVA/kW	2x125
Output voltage	AC V	380/400/415

STS System		
Rated power	kVA/kW	1x500
Rated voltage	DC V	380-415v

PV System		
Rated power	kW	4x50
Voltage range	DC V	150 - 650
NOTE: Solar panels are optional.		

Battery System		
Battery type		LiFePO4
Battery capacity	kWh	520
Cooling system		Liquid-cooled
Max charging rate		0.5C
Max discharging rate		0.5C
NOTE: The discharge power decreases as the battery SOC decreases.		

Control System		
HMI control panel	inch	13" Touchscreen
Communication interface		WAN/WIFI/SIM
Cloud services		APP/WEB

* Data is subject to change without prior notice as new products are always developed.
Please contact Able Power or local agent with any doubts or for more information.

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