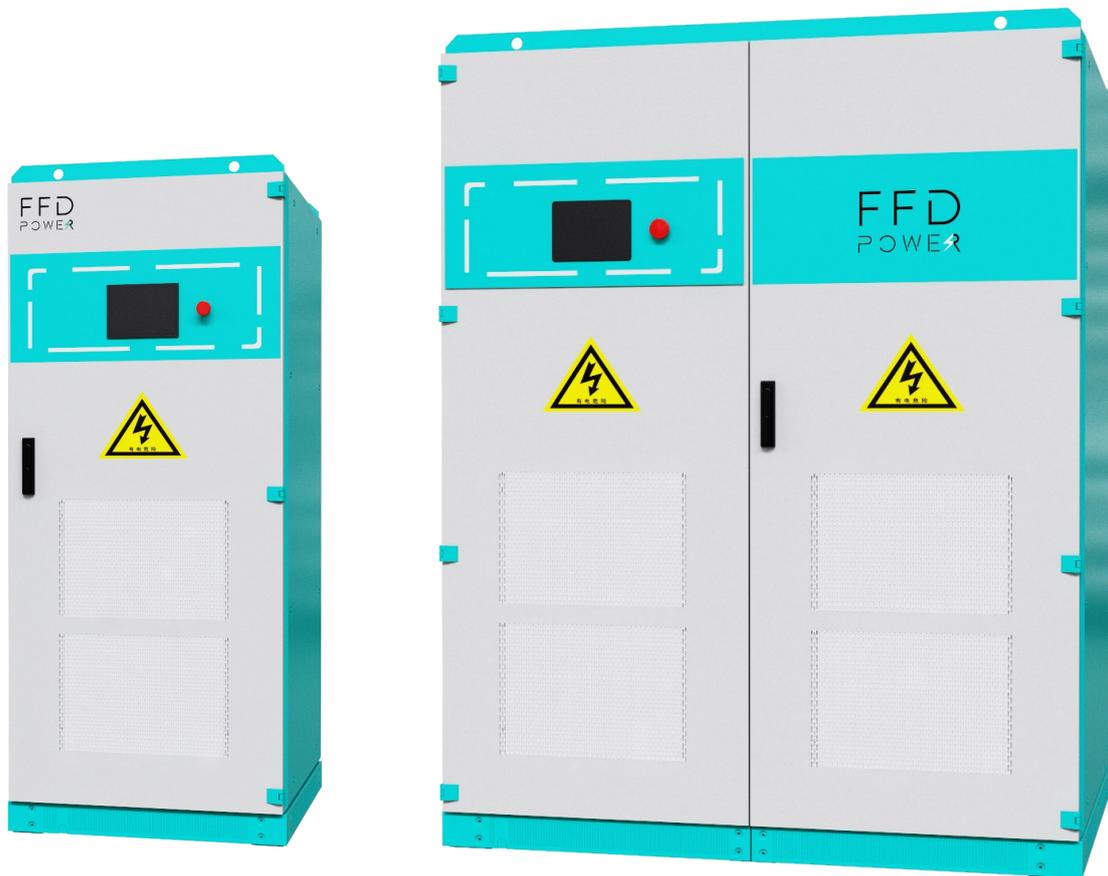


GALAXY K SERIES

PCS CABINET



FFD Power Tec Co., LTD

Floor 14th ,15th, 16th, Building One ,Ping An Industrial Park,
Shuixiang Avenue, Ma Chong
Town , Dongguan City ,China
www.ffdpower.com
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Ang Li

Chief Executive Officer
+861337773990
ang@ffdtec.com

Integrated with :

- ON-OFF grid switch < 20 ms
- Isolated transformer
- Energy management system

Together with Galaxy 215 ESS Is the best choice for :

- Back up for power outages
- Optimize power quality
- Constitute microgrids



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MODEL	Galaxy 100 K	Galaxy 500 K
Battery		
Voltage range	420~850 Vdc	500~850 Vdc
Max charging and discharging current	270 A	1128A
On-Grid AC		
Max output power	110 KW	550 KW
Rated output power	100 KW	500 KW
Rated voltage	400 Vac	
Voltage range	320~460 Vac	
Rated output current	144 A	722 A
Max output current	159 A	794 A
Rated frequency	50/60 Hz	
Frequency range	45~55/55~65 Hz	
THDi	<3%	
Power factor	1 Leading to ~1 Lagging (adjustable)	
3 Phase wiring	3W+N+PE	
Off-Grid AC		
Rated output power	400 Vac	
THDu	<1% Linear, <5% Nonlinear	
Rated frequency	50/60 Hz	
Overload capacity	110% Continuous	

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MODEL	Galaxy 100 K	Galaxy 500 K
General information		
Max efficiency	97.1%	97.5%
IP grade	IP 21	
Noise level	<70 Db	
Working temperature	-30~ 55 °C	
Working humidity	0 ~95%	
Cooling	Forced air cooling	
Dimension	800*800*1,900 mm	1,600*1,050*2,050 mm
Net Weight	936 kg	2665 kg
Isolated transformer ratio	270/400	315/400
Self consumption	<100 W	<208 W

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