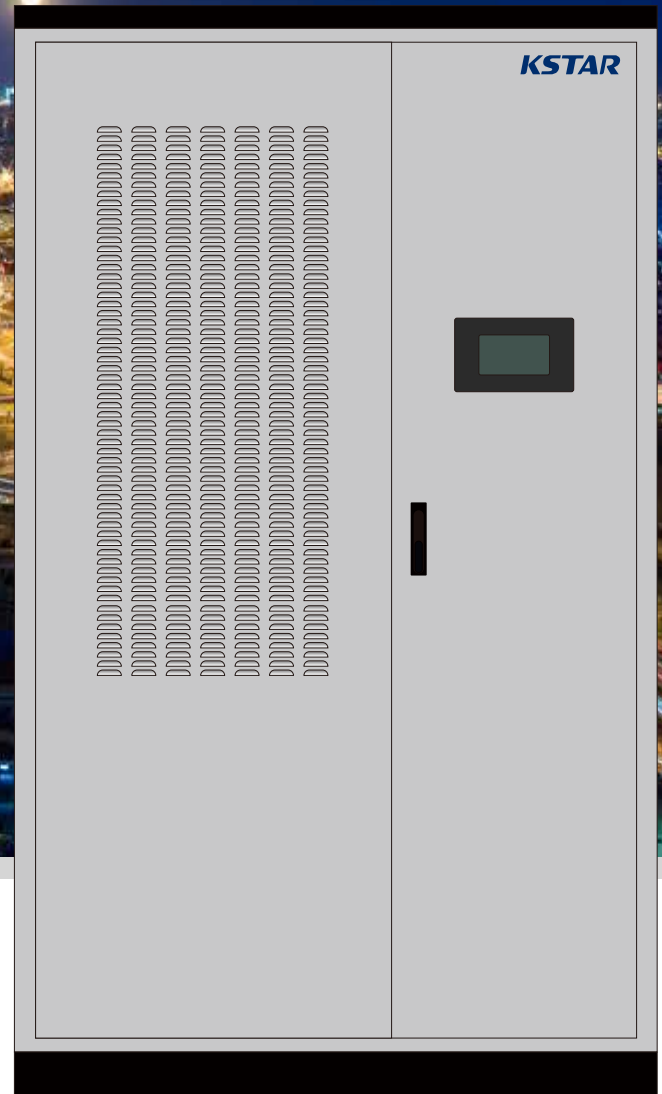


KAC50~250S

50~250KW outdoor PCS cabinet



Technical Features

- IP54 outdoor design
 - Modular PCS with N+1 redundancy, expanding as required
 - Grid support, equipped with SVG technology
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- Built-in ATS&TRS, with automatic on/off grid switching
 - Powerful protection functions with perfect parallel ability
 - Adjustable setting of active/reactive power
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Product Specifications	KAC50DS	KAC100DS	KAC150DS	KAC200DS	KAC250DS
Battery Side					
Max. Input Voltage	750V				
Min. Input Voltage	350V				
DC Voltage at Nominal Operation	500V~750V				
Max. DC Current	55A*2	55A*4	55A*6	55A*8	55A*10
Max. DC Input Power	55kW	110kW	165kW	220kW	275kW
Number of DC Inputs	2	2*2	2*3	2*4	2*5
AC Side(On Grid)					
Nominal AC Output Power	50kW	100kW	150kW	200kW	250kW
Max. AC Output Power	55kVA	110kVA	165kVA	220kVA	275kVA
Max. AC Current	80A	160A	240A	320A	400A
Nominal AC Voltage	400V				
AC Voltage Range	340V~440V				
Nominal Grid Frequency/Frequency Range	50/60Hz±5Hz				
THDv	<3%(100% Load)				
Adjustable PF Range	-1(Lagging)~1(Leading)				
AC Side(Off Grid)					
Nominal AC Voltage	230/400V±3%; 3L+N+PE				
THDv	<3%(Linear Load)				
Nominal Grid Frequency/Frequency Range	50/60Hz				
Nominal AC Output Power	50kW	100kW	150kW	200kW	250kW
Max. AC Output Power	55kVA	110kVA	165kVA	220kVA	275kVA
Efficiency					
Max. Efficiency	97%				
Protection					
Reverse Connection Protection	Yes				
DC Switch	Yes				
AC Breaker	Yes				
Over-Temperature Protection	Yes				
Grid Monitoring/ Earthing Fault Detection	Yes				
Insulation Monitoring	Yes				
DC/AC Surge Protection	DC Type II;AC Type III				
General Parameters					
Dimensions(WxHxD)	1170*2380*930mm				
Weight	800KG	1000KG	1200KG	1400KG	1600KG
ON/Off Grid Switch	Yes				
Topology	Transformerless (Optional Off-Grid Isolation Transformer)				
IP Protection	IP54				
Operation Temperature Range	-30~60℃				
Operation Humidity Range	0~100%(No Condensing)				
Cooling Method	Intelligent Air Cooling				
Max. Operation Altitude	3000m				
Display	LCD				
Communication Port	RS485/CAN				
Standards	IEC62477;IEC61000;IEC61683;IEC60068;IEC61727;IEC62116;EN50549;VDE4105;G99				

