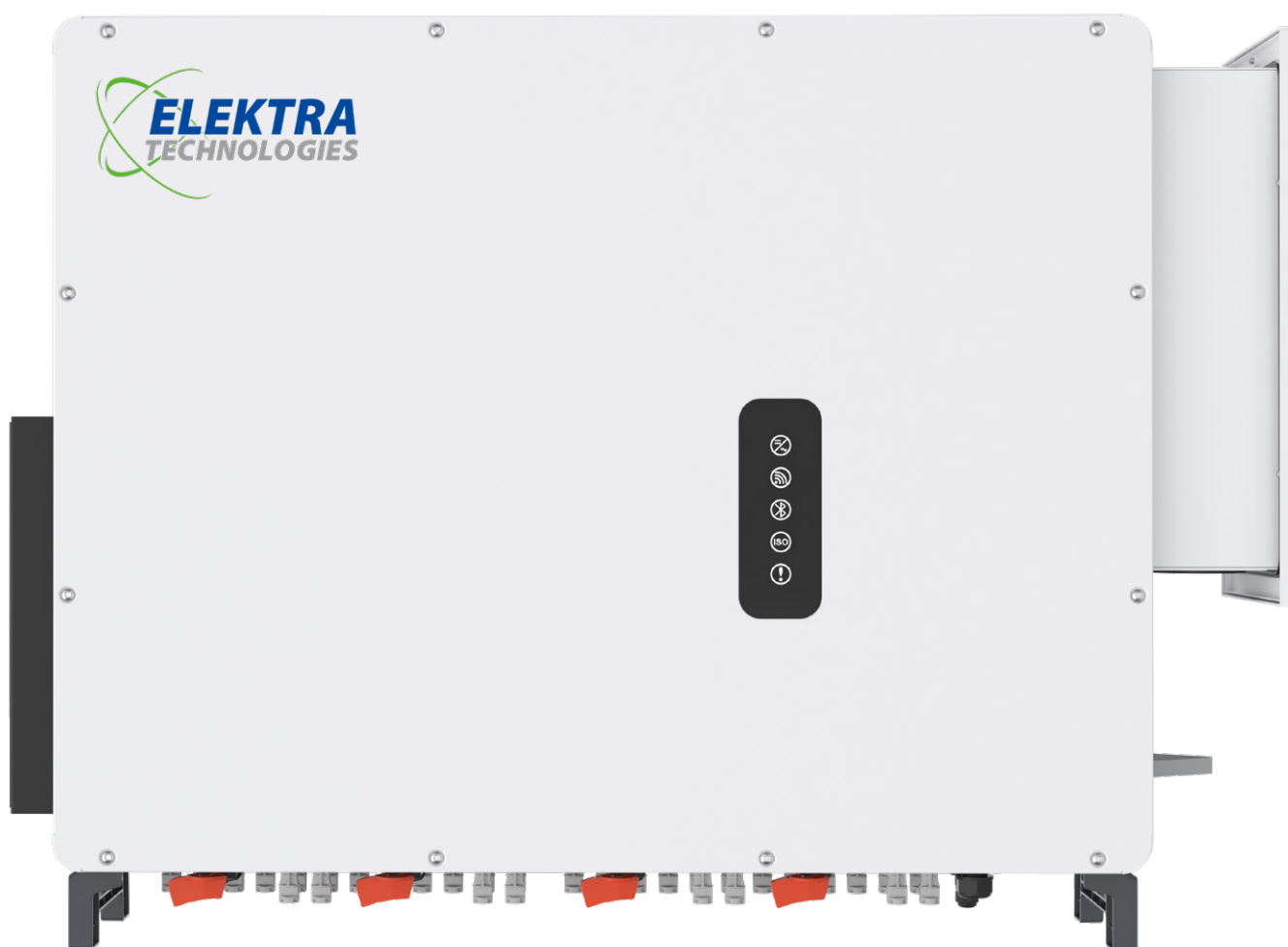


1500V String Inverter

320KG Technical



ELEKTRA 320KG Technical Parameter			
	Brand	ELEKTRA	
	Model	320KG-TH	320KG-THC
	Country of manufacturing	China	
A	Input Data		
1	MPPT voltage range	500-1500V (900~1300V full load)	500-1500V (900~1300V full load)
2	Maximum input current	40A	30A
3	DC short circuit current	60A	50A
4	Number of independent MPPTs	12	16
5	Maximum voltage DC	1500V	
6	No. of input	24	32
7	Input current monitoring	Yes	
8	DC disconnection device	Three DC switch	Four DC switch
B	Output Data		
1	AC output power	352kVA@30℃ 320kVA@40℃ 800V±10%	
2	AC voltage		
3	Power factor	>0.99 (rated power)	
4	Adjustable power factor range	0.8LG...0.8LD	
5	Rated frequency	50Hz/60Hz	
6	Maximum current	254A	
7	Current harmonic distortion	<3% (rated power)	
C	Efficiency		
1	Max efficiency	0.9902	0.9901
D	Environment Condition		
1	Ingress protection	IP66	
2	Ambient temperature	-30~60℃	
3	Humidity	0~100%	
4	Max altitude	4000m (>3000m derating)	
5	Cooling method	Smart forced air cooling	
6	Noise	<80dB@1m	
E	Mechanical Design		
1	Dimensions (W*H*D)	1180-860-362mm	
2	Weight	125kg	

*The technical specifications of this document are subject to change without any notice.