

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65

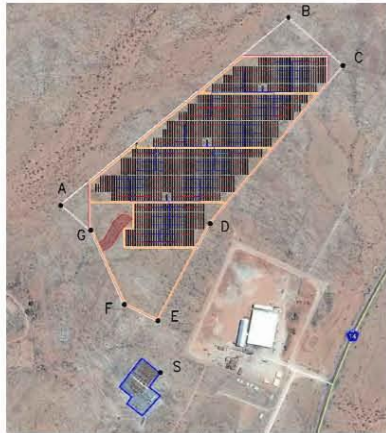
A  
B  
C  
D  
E  
F  
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I  
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O  
P

PLANT SUMMARY											
Name	Number of tables	Power plant capacity	North Orientation	East/West Pitch	Pitch between table	G.C.R	Table	Number of module per table	Module capacity	Capacity per table	Number of string per table
Exotrack HZ	927	5.747 MWe	0.00°	6.00 m	8 m, 3 m, 1 m	32.60 %	Ex-Table	20	310.00 We	6.20 kWe	1

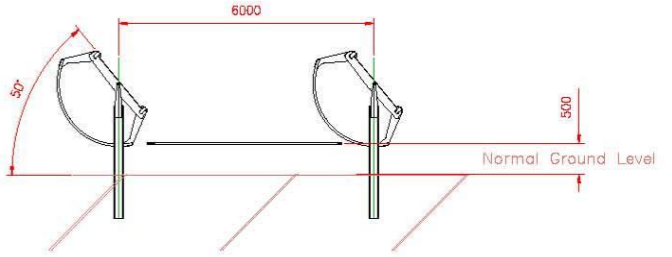
GPS COORDINATES	
A	28°41'22.46" S 20°58'39.08" E
B	28°41'7.24" S 20°59'0.51" E
C	28°41'11.11" S 20°59'05.52" E
D	28°41'23.71" S 20°58'52.99" E
E	28°41'31.82" S 20°58'48.23" E
F	28°41'30.20" S 20°58'44.94" E
G	28°41'24.23" S 20°58'41.76" E

BLOCK SUMMARY					
Power Conversion Station	Number of Trackers	Number of Tables	Power Capacity	Number of 24 Input SCB	Number of 16 Input SCB
PCS 1	11	311	1,928 MWdc	2	18
PCS 2	12	311	1,928 MWdc	3	18
PCS 3	13	305	1,891 MWdc	5	14

SUMMARY	
Name	Total Length
DC String Run Length	21 790 m
CB to Inverter DC Cable Run Length	9230 m
Motor Power Supply	1785 m
Motor Profibus	1785 m
LV Trench Length	1 247 m
MV Trench Length	850 m
Road Length	3295 m
Fence Length	2000 m
No. of 24 Input CB	10
No. of 16 Input CB	50
No. of Inverter Transformer Stations (2MVA each)	3
No. Weather Stations	2
No. of Exotrack HZ	36



LEGEND	
	Table
	Trail
	Transformer sub-station with Exobox
	Shadow
	Drive motor
	Combiner Box
	DC Cables (between modules and Combiner Box - No trenches needed)
	DC Cables (between Combiner Box and Inverter)
	Power Supply network
	Communication network (Profibus)
	Fence
	Weather Station
	Access Gate



KEREN Energy Keimoes (Pty) Ltd  
201250599607  
SITE LAYOUT

Reference Drawings	Description	Revision	Revision Information	Amended by:	Checked by:	Date	Drawn:	FvN	Date:
		A	ISSUED FOR INFORMATION	FvN	CJF	2016/04/20	Engineer:	CJF	Date: 2016/04/20
							Approved:	CJF	Date: 2016/04/20
							Scale:	N.T.S	Dwg. Size A1

Vendor Drawing No.  
Kentz Drawing No. E0026-K2E-LAY-KEI

