

Helio and Tigo SN

1 Sept 2013: 25 Helios PV panel serial numbers and roof position; and Tigo "number" installed on panel

Helios SN	Bank	# in bank	Inverter String	Tigo	Tigo SN
31	KA	1	C		
29	KA	2	C	1	8-10109674N
27	KA	3	C		
33	KA	4	C	2	8-1010669EM
35	KA	5	C		
37	KA	6	C	3	8-101041C2Z
39	KA	7	C		
41	KA	8	C	4	8-10102734V
43	KA	9	C	5	04C05B1000048496
73	KB	1	A		
66	KB	2	A	10	8-10108DC1S
71	KB	3	A		
64	KB	4	A	11	8-10108CDFJ
81	KC	1	A		
80	KC	2	A	9	8-101041C3W
79	KC	3	A		
75	KC	4	A	8	8-10109671S
60	<b>KD</b>	1	B		
58	KD	2	B	6	8-10108A06J
56	KD	3	B		
62	KD	4	B	7	8-101032E7N
54	KE	1	B		
52	KE	2	B	13	8-10108006Y
48	KE	3	B		
45	KE	4	<b>B</b>	12	8-10107C78J

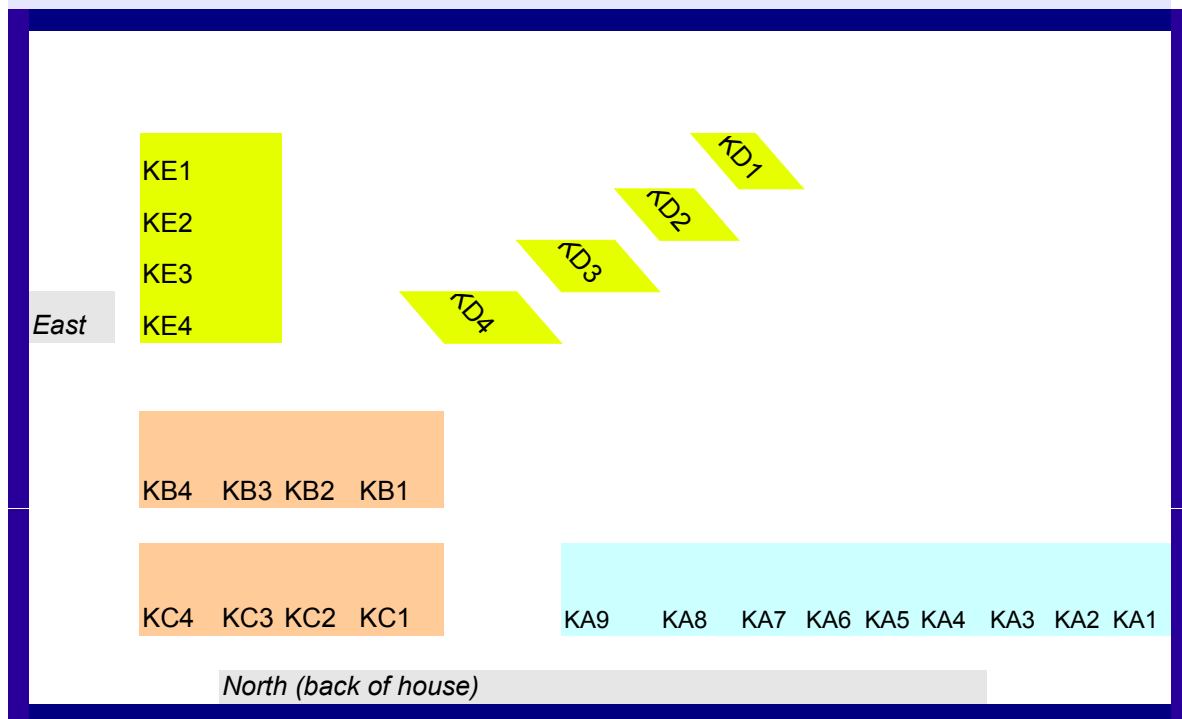
Bank A 9 on N facing roof (1 is West, 9 is East)  
 Bank B Flat roof, north 4 (toward backyard) (1 is west, 4 is east)  
 Bank C Flat roof, south 4 (toward frontyard) (1 is west, 4 is east)  
 Bank D 4 on SE facing roof (1 is south, 4 is north)  
 Bank E 4 on east facing roof (1 is south, 4 is north)

Tigo Gateway 00158D000017B3E3

Tigo MMU 04C05B800DFC

## PV layout

Location of panels on roof (better version in arrayLayout\_1Sept2013.pdf)



String A (8 panels) – To Aurora 2.1

Bank KB and KC (flat roof)

String B (8 panels) – To Aurora 1.1

Bank KD and KE (E & SE facing roof)

String C (9 panels) – To Aurora 1.2

Bank KA (N facing roof)

Aurora 1 is on the East Wall (sn 181899)

Aurora 2 is on the South Wall (sn 180059)

Tigo locations

**Tigo list (page 1 for full sn)**

My Tigo#	Installed on panel (bank/ #)	sn last 3	Notes
1	KA2	74N	
2	KA4	9EM	
3	KA6	C2Z	
4	KA8	34V	
5	KA9	946	single input
6	KD2	06J	
7	KD4	E74	
8	KC4	71S	
9	KC2	C3W	
10	KB2	C1S	
11	KB4	DFJ	
12	KE4	78J	
13	KE2	06Y	
Gateway	KB2	3E3	

## Helios Label

### Helios Panel specs

#### Packing slip note

Items: 260w panel, 60 cell mono  
clra alum wht bkst

#### Specs from label

Model	Helios 6T 260ICW
PMPP	260W
Tolerance	0/+3%
VMPP	31.8V
IMPP	8.16A
VOC	41.1V
ISC	8.72A
Test conditions (STC)	1000 Wm-squared ; AM 1.5; 25 degee C
MaxV	1000V
Fuse	15A
Maxload	50lb foot-sq (244kg m- sq)

#### Tigo specs (2 input)

Max v per input	52 Vdc
VMP range per input	156-48
Max current per input	10A
Max output	9.5A
Max power	600 Wp