

POWER-ELEC MODBUS TABLE REGISTER
Mapping version 3

FUNCTIONS CODES SUPPORTED	- Read Holding Registers (03): Read only - Read Input Registers (04): Read only
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	N° Register	Value (2 bytes)	Notes	Offset register	0
SOFTWARE VERSION	0	xx xx	The software version of the Power-Elec product. From version: 2.0 (02 00)		
MODBUS VERSION	1	00 03	The mapping Modbus version (version 3)		
ADDRESS MAC	2	xx xx	Ethernet Address MAC (ie: 00:11:22:33:44:55)		
	3	xx xx			
	4	xx xx			

	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	8
INFO CONNECTOR	1	1	1	8	00 00	The register size is 2 bytes for each circuit. The value is in the range: 0-6: 0: disable 1: single-phase 2: three-phase + neutral 3: balanced three-phase + neutral 4: three-phase 5: balanced three-phase 6: three-phase with voltage transformer		
		2	2	9	00 00			
		3	3	10	00 00			
	2	1	4	11	00 00			
		2	5	12	00 00			
		3	6	13	00 00			
	3	1	7	14	00 00			
		2	8	15	00 00			
		3	9	16	00 00			
	4	1	10	17	00 00			
		2	11	18	00 00			
		3	12	19	00 00			
	5	1	13	20	00 00			
		2	14	21	00 00			
		3	15	22	00 00			
	6	1	16	23	00 00			
		2	17	24	00 00			
		3	18	25	00 00			

STANDARD Registers

ACTIVE IMPORT ENERGY INDEX	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	28
ACTIVE IMPORT ENERGY INDEX	1	0		28	00 00	List of registers regarding the active import energy index per channel. Two registers for each circuit with a value of 32 bits. The channel 0 register gives the GLOBAL active import energy index of the circuit in three-phase configuration.		
					00 00			
		1	1	30	00 00			
					00 00			
		2	2	32	00 00			
					00 00			
		3	3	34	00 00			
					00 00			
	2	0		36	00 00			
					00 00			
		1	4	38	00 00			
					00 00			
		2	5	40	00 00			
					00 00			
		3	6	42	00 00			
					00 00			
	3	0		44	00 00			
					00 00			
		1	7	46	00 00			
					00 00			
		2	8	48	00 00			
					00 00			
		3	9	50	00 00			
					00 00			
	4	0		52	00 00			
					00 00			
		1	10	54	00 00			
					00 00			
		2	11	56	00 00			
					00 00			
		3	12	58	00 00			
					00 00			
	5	0		60	00 00			
					00 00			
		1	13	62	00 00			
					00 00			
		2	14	64	00 00			
					00 00			
		3	15	66	00 00			
					00 00			
	6	0		68	00 00			
					00 00			
		1	16	70	00 00			
					00 00			
		2	17	72	00 00			
					00 00			
		3	18	74	00 00			
					00 00			

REACTIVE IMPORT ENERGY INDEX +	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	76
POSITIVE REACTIVE IMPORT ENERGY INDEX	1	0		76	00 00	List of registers regarding the POSITIVE reactive import energy index per channel. Two registers for each circuit with a value of 32 bits. The channel 0 register gives the GLOBAL POSITIVE reactive import energy index of the circuit in three-phase configuration.		
					00 00			
		1	1	78	00 00			
					00 00			
		2	2	80	00 00			
					00 00			
		3	3	82	00 00			
					00 00			
	2	0		84	00 00			
					00 00			
		1	4	86	00 00			
					00 00			
		2	5	88	00 00			
					00 00			
		3	6	90	00 00			
					00 00			
	3	0		92	00 00			
					00 00			
		1	7	94	00 00			
					00 00			
		2	8	96	00 00			
					00 00			
		3	9	98	00 00			
					00 00			
	4	0		100	00 00			
					00 00			
		1	10	102	00 00			
					00 00			
		2	11	104	00 00			
					00 00			
		3	12	106	00 00			
					00 00			
	5	0		108	00 00			
					00 00			
		1	13	110	00 00			
					00 00			
		2	14	112	00 00			
					00 00			
		3	15	114	00 00			
					00 00			
	6	0		116	00 00			
					00 00			
		1	16	118	00 00			
					00 00			
		2	17	120	00 00			
					00 00			
		3	18	122	00 00			
					00 00			

ACTIVE EXPORT ENERGY INDEX	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	124
ACTIVE EXPORT ENERGY INDEX	1	0		124	00 00	NOT SUPPORTED List of registers regarding the active export energy index per channel. Two registers for each circuit with a value of 32 bits. The channel 0 register gives the GLOBAL active export energy index of the circuit in three-phase configuration.		
					00 00			
		1	1	126	00 00			
					00 00			
		2	2	128	00 00			
					00 00			
		3	3	130	00 00			
					00 00			
	2	0		132	00 00			
					00 00			
		1	4	134	00 00			
					00 00			
		2	5	136	00 00			
					00 00			
		3	6	138	00 00			
					00 00			
	3	0		140	00 00			
					00 00			
		1	7	142	00 00			
					00 00			
		2	8	144	00 00			
					00 00			
		3	9	146	00 00			
					00 00			
	4	0		148	00 00			
					00 00			
		1	10	150	00 00			
					00 00			
		2	11	152	00 00			
					00 00			
		3	12	154	00 00			
					00 00			
	5	0		156	00 00			
					00 00			
		1	13	158	00 00			
					00 00			
		2	14	160	00 00			
					00 00			
		3	15	162	00 00			
					00 00			
	6	0		164	00 00			
					00 00			
		1	16	166	00 00			
					00 00			
		2	17	168	00 00			
					00 00			
		3	18	170	00 00			
					00 00			

REACTIVE IMPORT ENERGY INDEX -	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	172
NEGATIVE REACTIVE IMPORT ENERGY INDEX	1	0		172	00 00	List of registers regarding the NEGATIVE reactive import energy index per channel. Two registers for each circuit with a value of 32 bits. The channel 0 register gives the GLOBAL NEGATIVE reactive import energy index of the circuit in three-phase configuration.		
					00 00			
		1	1	174	00 00			
					00 00			
		2	2	176	00 00			
					00 00			
		3	3	178	00 00			
					00 00			
		0		180	00 00			
					00 00			
		1	4	182	00 00			
					00 00			
	2	2	5	184	00 00			
					00 00			
		3	6	186	00 00			
					00 00			
		0		188	00 00			
					00 00			
	3	1	7	190	00 00			
					00 00			
		2	8	192	00 00			
					00 00			
		3	9	194	00 00			
					00 00			
	4	0		196	00 00			
					00 00			
		1	10	198	00 00			
					00 00			
		2	11	200	00 00			
					00 00			
	5	3	12	202	00 00			
					00 00			
		0		204	00 00			
					00 00			
		1	13	206	00 00			
					00 00			
	6	2	14	208	00 00			
					00 00			
		3	15	210	00 00			
					00 00			
	6	0		212	00 00			
					00 00			
		1	16	214	00 00			
					00 00			
		2	17	216	00 00			
					00 00			
	6	3	18	218	00 00			
					00 00			

POWER ACTIVE	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	220
POWER ACTIVE	1	0		220	00 00	List of registers regarding the power active per channel. Two registers for each circuit with a value of 32 bits. The channel 0 register gives the GLOBAL power active of the circuit in three-phase configuration.		
					00 00			
		1	1	222	00 00			
					00 00			
		2	2	224	00 00			
					00 00			
		3	3	226	00 00			
					00 00			
		0		228	00 00			
					00 00			
		1	4	230	00 00			
					00 00			
	2	2	5	232	00 00			
					00 00			
		3	6	234	00 00			
					00 00			
					00 00			
	3	0		236	00 00			
					00 00			
		1	7	238	00 00			
					00 00			
		2	8	240	00 00			
					00 00			
	4	3	9	242	00 00			
					00 00			
		0		244	00 00			
					00 00			
		1	10	246	00 00			
					00 00			
		2	11	248	00 00			
	5				00 00			
		3	12	250	00 00			
					00 00			
		0		252	00 00			
					00 00			
		1	13	254	00 00			
	6				00 00			
		2	14	256	00 00			
					00 00			
		3	15	258	00 00			
					00 00			
	6	0		260	00 00			
					00 00			
		1	16	262	00 00			
					00 00			
		2	17	264	00 00			
					00 00			
		3	18	266	00 00			
					00 00			

POWER REACTIVE	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	268
POWER REACTIVE	1	0		268	00 00	List of registers regarding the power reactive per channel. Two registers for each circuit with a value of 32 bits. The channel 0 register gives the GLOBAL power reactive of the circuit in three-phase configuration.		
					00 00			
		1	1	270	00 00			
					00 00			
		2	2	272	00 00			
					00 00			
		3	3	274	00 00			
					00 00			
		0		276	00 00			
					00 00			
		1	4	278	00 00			
					00 00			
	2	2	5	280	00 00			
					00 00			
		3	6	282	00 00			
					00 00			
					00 00			
	3	0		284	00 00			
					00 00			
		1	7	286	00 00			
					00 00			
		2	8	288	00 00			
					00 00			
	4	3	9	290	00 00			
					00 00			
		0		292	00 00			
					00 00			
		1	10	294	00 00			
					00 00			
	5	2	11	296	00 00			
					00 00			
		3	12	298	00 00			
					00 00			
					00 00			
	6	0		300	00 00			
					00 00			
		1	13	302	00 00			
					00 00			
		2	14	304	00 00			
					00 00			
	7	3	15	306	00 00			
					00 00			
		0		308	00 00			
					00 00			
		1	16	310	00 00			
					00 00			
	8	2	17	312	00 00			
					00 00			
		3	18	314	00 00			
					00 00			

POWER FACTOR	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	316
POWER FACTOR	1	0		316	00 00	List of registers regarding the power factor per channel in single-phase. Two registers for each circuit with a value of 32 bits. The channel 0 register gives the GLOBAL power factor of the circuit in three-phase configuration.		
					00 00			
		1	1	318	00 00			
					00 00			
		2	2	320	00 00			
					00 00			
		3	3	322	00 00			
					00 00			
		0		324	00 00			
					00 00			
		1	4	326	00 00			
					00 00			
	2	2	5	328	00 00			
					00 00			
		3	6	330	00 00			
					00 00			
					00 00			
	3	0		332	00 00			
					00 00			
		1	7	334	00 00			
					00 00			
		2	8	336	00 00			
					00 00			
	4	3	9	338	00 00			
					00 00			
		0		340	00 00			
					00 00			
		1	10	342	00 00			
	5				00 00			
		2	11	344	00 00			
					00 00			
		3	12	346	00 00			
	6				00 00			
		0		348	00 00			
					00 00			
		1	13	350	00 00			
					00 00			
		2	14	352	00 00			
	7				00 00			
		3	15	354	00 00			
					00 00			
		0		356	00 00			
					00 00			
	8	1	16	358	00 00			
					00 00			
		2	17	360	00 00			
					00 00			
	9				00 00			
		3	18	362	00 00			
					00 00			

RMS CURRENT	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	364
RMS CURRENT	1	1	1	364	00 00	List of registers regarding the RMS current per channel . Two registers for each circuit with a value of 32 bits.		
					00 00			
		2	2	366	00 00			
					00 00			
		3	3	368	00 00			
					00 00			
	2	1	4	370	00 00			
					00 00			
		2	5	372	00 00			
					00 00			
		3	6	374	00 00			
					00 00			
	3	1	7	376	00 00			
					00 00			
		2	8	378	00 00			
					00 00			
		3	9	380	00 00			
					00 00			
	4	1	10	382	00 00			
					00 00			
		2	11	384	00 00			
					00 00			
		3	12	386	00 00			
					00 00			
	5	1	13	388	00 00			
					00 00			
		2	14	390	00 00			
					00 00			
		3	15	392	00 00			
					00 00			
	6	1	16	394	00 00			
					00 00			
		2	17	396	00 00			
					00 00			
		3	18	398	00 00			
					00 00			

RMS CURRENT AVERAGE	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	400
RMS CURRENT AVERAGE	1	1	1	400	00 00	List of registers regarding the RMS current average (over 1 seconde) per channel . Two registers for each circuit with a value of 32 bits.		
					00 00			
		2	2	402	00 00			
					00 00			
		3	3	404	00 00			
					00 00			
	2	1	4	406	00 00			
					00 00			
		2	5	408	00 00			
					00 00			
		3	6	410	00 00			
					00 00			
	3	1	7	412	00 00			
					00 00			
		2	8	414	00 00			
					00 00			
		3	9	416	00 00			
					00 00			
	4	1	10	418	00 00			
					00 00			
		2	11	420	00 00			
					00 00			
		3	12	422	00 00			
					00 00			
	5	1	13	424	00 00			
					00 00			
		2	14	426	00 00			
					00 00			
		3	15	428	00 00			
					00 00			
	6	1	16	430	00 00			
					00 00			
		2	17	432	00 00			
					00 00			
		3	18	434	00 00			
					00 00			

RMS VOLTAGE	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	436
RMS VOLTAGE	1	1	1	436	00 00	List of registers regarding the RMS voltage per channel (based on the related phase voltage). Two registers for each circuit with a value of 32 bits.		
					00 00			
		2	2	438	00 00			
					00 00			
		3	3	440	00 00			
					00 00			
	2	1	4	442	00 00			
					00 00			
		2	5	444	00 00			
					00 00			
		3	6	446	00 00			
					00 00			
	3	1	7	448	00 00			
					00 00			
		2	8	450	00 00			
					00 00			
		3	9	452	00 00			
					00 00			
	4	1	10	454	00 00			
					00 00			
		2	11	456	00 00			
					00 00			
		3	12	458	00 00			
					00 00			
	5	1	13	460	00 00			
					00 00			
		2	14	462	00 00			
					00 00			
		3	15	464	00 00			
					00 00			
	6	1	16	466	00 00			
					00 00			
		2	17	468	00 00			
					00 00			
		3	18	470	00 00			
					00 00			

RMS VOLTAGE AVERAGE	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	472
RMS VOLTAGE AVERAGE	1	1	1	472	00 00	List of registers regarding the RMS voltage average (over 1 seconde) per channel (based on the related phase voltage). Two registers for each circuit with a value of 32 bits.		
					00 00			
		2	2	474	00 00			
					00 00			
		3	3	476	00 00			
					00 00			
	2	1	4	478	00 00			
					00 00			
		2	5	480	00 00			
					00 00			
		3	6	482	00 00			
					00 00			
	3	1	7	484	00 00			
					00 00			
		2	8	486	00 00			
					00 00			
		3	9	488	00 00			
					00 00			
	4	1	10	490	00 00			
					00 00			
		2	11	492	00 00			
					00 00			
		3	12	494	00 00			
					00 00			
	5	1	13	496	00 00			
					00 00			
		2	14	498	00 00			
					00 00			
		3	15	500	00 00			
					00 00			
	6	1	16	502	00 00			
					00 00			
		2	17	504	00 00			
					00 00			
		3	18	506	00 00			
					00 00			

FREQUENCY LINE	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	508
FREQUENCY LINE	1	1	1	508	00 00	List of registers regarding the frequency line per channel (based on the related phase voltage. Cf. Power-Elec configuration). Two registers for each circuit with a value of 32 bits.		
					00 00			
		2	2	510	00 00			
					00 00			
		3	3	512	00 00			
					00 00			
	2	1	4	514	00 00			
					00 00			
		2	5	516	00 00			
					00 00			
		3	6	518	00 00			
					00 00			
	3	1	7	520	00 00			
					00 00			
		2	8	522	00 00			
					00 00			
		3	9	524	00 00			
					00 00			
	4	1	10	526	00 00			
					00 00			
		2	11	528	00 00			
					00 00			
		3	12	530	00 00			
					00 00			
	5	1	13	532	00 00			
					00 00			
		2	14	534	00 00			
					00 00			
		3	15	536	00 00			
					00 00			
	6	1	16	538	00 00			
					00 00			
		2	17	540	00 00			
					00 00			
		3	18	542	00 00			
					00 00			

EXPERT Registers

Registers accessible only with Expert licence. Please contact Eco-Adapt support service.

OPERATING TIME	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	544
OPERATING TIME	1	0		544	00 00	List of registers regarding the operating time per channel in single-phase. Two registers for each circuit with a value of 32 bits. The channel 0 register gives the operating time of the circuit in three-phase configuration.		
					00 00			
		1	1	546	00 00			
					00 00			
		2	2	548	00 00			
					00 00			
	2	0		552	00 00			
					00 00			
		1	4	554	00 00			
					00 00			
		2	5	556	00 00			
					00 00			
	3	0		560	00 00			
					00 00			
		1	7	562	00 00			
					00 00			
		2	8	564	00 00			
					00 00			
	4	0		568	00 00			
					00 00			
		1	10	570	00 00			
					00 00			
		2	11	572	00 00			
					00 00			
	5	0		576	00 00			
					00 00			
		1	13	578	00 00			
					00 00			
		2	14	580	00 00			
					00 00			
	6	0		584	00 00			
					00 00			
		1	16	586	00 00			
					00 00			
		2	17	588	00 00			
					00 00			
				590	00 00			
					00 00			

STARTUP	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	592
STARTUP	1	0		592	00 00	List of registers regarding the number of startup cycle per channel in single-phase. Two registers for each circuit with a value of 32 bits. The channel 0 register gives the number of startup cycle of the circuit in three-phase configuration.		
					00 00			
		1	1	594	00 00			
					00 00			
		2	2	596	00 00			
					00 00			
		3	3	598	00 00			
					00 00			
		0		600	00 00			
					00 00			
		1	4	602	00 00			
					00 00			
	2	2	5	604	00 00			
					00 00			
		3	6	606	00 00			
					00 00			
		0		608	00 00			
					00 00			
	3	1	7	610	00 00			
					00 00			
		2	8	612	00 00			
					00 00			
		3	9	614	00 00			
					00 00			
	4	0		616	00 00			
					00 00			
		1	10	618	00 00			
					00 00			
		2	11	620	00 00			
					00 00			
	5	3	12	622	00 00			
					00 00			
		0		624	00 00			
					00 00			
		1	13	626	00 00			
					00 00			
	6	2	14	628	00 00			
					00 00			
		3	15	630	00 00			
					00 00			
	6	0		632	00 00			
					00 00			
		1	16	634	00 00			
					00 00			
		2	17	636	00 00			
					00 00			
	6	3	18	638	00 00			
					00 00			

SAG by phase	Phase	N° Register	Value (2 bytes)	Notes	Offset register	640
SAG by phase	1	640	00 00	List of registers regarding the number of sag per phase. Two registers for each circuit with a value of 32 bits.		
			00 00			
	2	642	00 00			
			00 00			
	3	644	00 00			
			00 00			

SWELL by phase	Phase	N° Register	Value (2 bytes)	Notes	Offset register	646
SWELL by phase	1	646	00 00	List of registers regarding the number of swell per phase. Two registers for each circuit with a value of 32 bits.		
			00 00			
	2	648	00 00			
			00 00			
	3	650	00 00			
			00 00			

SAG by channel	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	652
SAG by channel	1	1	1	652	00 00	List of registers regarding the number of sag per channel. Two registers for each circuit with a value of 32 bits.		
					00 00			
		2	2	654	00 00			
					00 00			
		3	3	656	00 00			
					00 00			
	2	1	4	658	00 00			
					00 00			
		2	5	660	00 00			
					00 00			
		3	6	662	00 00			
					00 00			
	3	1	7	664	00 00			
					00 00			
		2	8	666	00 00			
					00 00			
		3	9	668	00 00			
					00 00			
	4	1	10	670	00 00			
					00 00			
		2	11	672	00 00			
					00 00			
		3	12	674	00 00			
					00 00			
	5	1	13	676	00 00			
					00 00			
		2	14	678	00 00			
					00 00			
		3	15	680	00 00			
					00 00			
	6	1	16	682	00 00			
					00 00			
		2	17	684	00 00			
					00 00			
		3	18	686	00 00			
					00 00			

SWELL by channel	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	688
SWELL by channel	1	1	1	688	00 00	List of registers regarding the number of swell per channel. Two registers for each circuit with a value of 32 bits.		
					00 00			
		2	2	690	00 00			
					00 00			
		3	3	692	00 00			
					00 00			
	2	1	4	694	00 00			
					00 00			
		2	5	696	00 00			
					00 00			
		3	6	698	00 00			
					00 00			
	3	1	7	700	00 00			
					00 00			
		2	8	702	00 00			
					00 00			
		3	9	704	00 00			
					00 00			
	4	1	10	706	00 00			
					00 00			
		2	11	708	00 00			
					00 00			
		3	12	710	00 00			
					00 00			
	5	1	13	712	00 00			
					00 00			
		2	14	714	00 00			
					00 00			
		3	15	716	00 00			
					00 00			
	6	1	16	718	00 00			
					00 00			
		2	17	720	00 00			
					00 00			
		3	18	722	00 00			
					00 00			

OVERCURRENT	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	724
OVERCURRENT	1	1	1	724	00 00	List of registers regarding the number of overcurrent per channel. Two registers for each circuit with a value of 32 bits.		
					00 00			
		2	2	726	00 00			
					00 00			
		3	3	728	00 00			
					00 00			
	2	1	4	730	00 00			
					00 00			
		2	5	732	00 00			
					00 00			
		3	6	734	00 00			
					00 00			
	3	1	7	736	00 00			
					00 00			
		2	8	738	00 00			
					00 00			
		3	9	740	00 00			
					00 00			
	4	1	10	742	00 00			
					00 00			
		2	11	744	00 00			
					00 00			
		3	12	746	00 00			
					00 00			
	5	1	13	748	00 00			
					00 00			
		2	14	750	00 00			
					00 00			
		3	15	752	00 00			
					00 00			
	6	1	16	754	00 00			
					00 00			
		2	17	756	00 00			
					00 00			
		3	18	758	00 00			
					00 00			

CIRCUIT BREAKER TRIPPING	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	760
CIRCUIT BREAKER TRIPPING	1	1	1	760	00 00	List of registers regarding the circuit breaker tripping per channel. Two registers for each circuit with a value of 32 bits.		
					00 00			
		2	2	762	00 00			
					00 00			
		3	3	764	00 00			
					00 00			
	2	1	4	766	00 00			
					00 00			
		2	5	768	00 00			
					00 00			
		3	6	770	00 00			
					00 00			
	3	1	7	772	00 00			
					00 00			
		2	8	774	00 00			
					00 00			
		3	9	776	00 00			
					00 00			
	4	1	10	778	00 00			
					00 00			
		2	11	780	00 00			
					00 00			
		3	12	782	00 00			
					00 00			
	5	1	13	784	00 00			
					00 00			
		2	14	786	00 00			
					00 00			
		3	15	788	00 00			
					00 00			
	6	1	16	790	00 00			
					00 00			
		2	17	792	00 00			
					00 00			
		3	18	794	00 00			
					00 00			

THD	Connector	Channel	Circuit	N° Register	Value (2 bytes)	Notes	Offset register	796
THD	1	0		796	00 00	List of registers regarding the THD per channel. Two registers for each circuit with a value of 32 bits. The channel 0 register gives the GLOBAL THD of the circuit in three-phase configuration.		
					00 00			
		1	1	798	00 00			
					00 00			
		2	2	800	00 00			
					00 00			
		3	3	802	00 00			
					00 00			
	2	0		804	00 00			
					00 00			
		1	4	806	00 00			
					00 00			
		2	5	808	00 00			
					00 00			
		3	6	810	00 00			
					00 00			
	3	0		812	00 00			
					00 00			
		1	7	814	00 00			
					00 00			
		2	8	816	00 00			
					00 00			
		3	9	818	00 00			
					00 00			
	4	0		820	00 00			
					00 00			
		1	10	822	00 00			
					00 00			
		2	11	824	00 00			
					00 00			
		3	12	826	00 00			
					00 00			
	5	0		828	00 00			
					00 00			
		1	13	830	00 00			
					00 00			
		2	14	832	00 00			
					00 00			
		3	15	834	00 00			
					00 00			
	6	0		836	00 00			
					00 00			
		1	16	838	00 00			
					00 00			
		2	17	840	00 00			
					00 00			
		3	18	842	00 00			
					00 00			