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PANEL: P										CIRCUITS 30		MAIN BREAKER: N/A AMPS		1 PHASE		
NEMA 1										MAIN LUGS: 100 AMPS		3 WIRE				
										K.A.I.C.: 10 AMPS		X 240/120V				
										MOUNTED FLUSH		SURFACE X				
TYP	C	IDENTIFICATION	WIRE	GND.	COND.	CIRCUIT BREAKER	LOADPHASE (KVA)			BREAKER	WIRE	GND.	COND.	IDENTIFICATION	TYP	
N	T						TRIP	POLES	A	B	C	POLES	TRIP		N	
GF 1		POOL PUMP	12	12	1/2"	20	2	1.0	5.0			2	60	6	10	1"
GF 5		POOL LYS BY OTHERS	12	12	1/2"	20	1	0.7	0.5		1.0 5.0	1	20	12	1/2"	LANAI RCPTS
GF 6		GENERATOR HEATER	12	12	1/2"	20	1				1.0 0.5	1	20	12	1/2"	BBO RCPTS
9		GENERATOR BATTERY	12	12	1/2"	20	1	1.0	0.3			1	20	12	1/2"	GAS BBO
11		MAHJUCU	12	12	1/2"	20	1				1.7 0.4	1	20	12	1/2"	HOOD BBO
AF 18		LANAI LIGHTING	12	12	1/2"	20	1	1.7	0.5			1	20	12	1/2"	BATHROOM RCPTS
17		GENERAL RCPTS	12	12	1/2"	20	1	0.5	0.3			1	20	12	1/2"	BURNER
19		SPACE														
21		SPACE														
23		SPACE														
25		SPACE														
27		SPACE														
29		SPACE														
							4.9	6.3								
TOTAL CONNECTED LOAD PER PHASE							11.2					10.5				
TOTAL CONNECTED LOAD							21.8			KVA						
TOTAL CONNECTED AMP							90.8			AMP						

GF-PROVIDE GFICI CB

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KOHLER.

Model: KEP

**Automatic Transfer Switches
Service Entrance Rated**

Controller

- Decision Maker® MPAC 3500

Rateds

Power Switching Device	Current	Voltage, Frequency
Modeld case (MCCB)	200	208-240 VAC, 60 Hz
	100-1200	208-480 VAC, 60 Hz
Insulated Case (ICC)	800-4000	208-480 VAC, 60 Hz

Transfer Switch Standard Features

Enclosed Contact Power Switching Units

- Service entrance automatic transfer switches incorporate an isolating mechanism and overcurrent protection on the utility supply, eliminating the need to have a separate, upstream utility source circuit breaker/disconnect switch.
- UL 1008 tested, file #58963
- ISO seismic certification available
- Fully enclosed silver alloy contacts provide high withstand rating.
- 3-cycle short circuit current withstand-tested in accordance with UL 1008
- Completely separates utility and generator set power switching units provide redundancy (no common parts) and are easy to service.
- Utility disconnected power switching units have overcurrent protection; generator disconnect is available with or without overcurrent protection:
 - Molded case circuit breakers (MCCB) include thermal/magnetic or electronic trip overcurrent protection (80% rated).
 - Molded case switches (MCSW) do not include overcurrent protection (100% rated). Available on generator disconnect only.
 - Insulated case circuit breakers (ICCB) include electronic trip overcurrent protection (100% rated).
 - Insulated case switches (ICSW) do not include overcurrent protection (100% rated) (available on generator disconnect only).
- Inherent stored energy design prevents damage if manually switched while in service.
- Heavy duty business gear motor and operating mechanism provide mechanical interlocking and extreme long life with minimal maintenance.
- Safe manual operation permits easy operation even under adverse conditions.
- All mechanical and control devices are visible and readily accessible.
- Padlockable service disconnect control switch
- Status indicators
- Two-position control circuit isolation switch disconnects utility power to the transfer switch controller.
 - Least safe (Forced transfer from Emergency to OFF), (Customer-supplied signal (control closing) is required for the transfer to OFF function.)
- NEMA 1, 3R, 4X and 12 enclosures are available.

Service Disconnect Switch

- Service disconnect to OFF position
- Two-position switch with padlockable cover disconnects the normal and emergency sources.
- Controller display shows Service Disconnected and the NOT IN AUTO LED flashes.
- Lamp illuminates to indicate that the switch is in the DISCONNECT position.

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