The group G is isomorphic to the special linear group SL(2,11).
Ordinary character table of $G \cong$ SL(2,11):

Trivial source character table of $G \cong$ SL(2,11) at $p = 5$:

Normalisers N_i			
p-subgroups of G up to conjugacy in G			
Representatives $n_j \in N_i$	$1a$	$2a$	
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	25	25	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	35	35	
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	5	5	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	5	5	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	10	10	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	10	10	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15}$	30	-30	$-3 * E(11) - 2$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15}$	30	-30	$-2 * E(11) - 3$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	10	-10	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	10	-10	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	10	-10	
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	1	1	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	11	11	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	6	-6	
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	6	-6	

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(2,4,6,8,10)(3,5,7,9,11)(12,107,82,65,36)(13,102,80,57,39)(14,110,86,62,38)(15,109,88,66,43)(16,104,81,63,37)(17,108,78,59,44)(18,$

$N_1 = Group([(2,12,7,67)(3,23,8,78)(4,34,9,89)(5,45,10,100)(6,56,11,111)(13,18,73,68)(14,29,74,79)(15,40,75,90)(16,51,76,101)(17,62,77,112)(19,$
$N_2 = Group([(2,4,6,8,10)(3,5,7,9,11)(12,107,82,65,36)(13,102,80,57,39)(14,110,86,62,38)(15,109,88,66,43)(16,104,81,63,37)(17,108,78,59,44)(18$

$11a$	
3	
2	
$E(11)+E(11)^3+E(11)^4+E(11)^5+E(11)^9$	
$E(11)^2+E(11)^6+E(11)^7+E(11)^8+E(11)^{10}$	
-1	
-1	
$*E(11)^2-3*E(11)^3-3*E(11)^4-3*E(11)^5-2*E(11)^6-2*E(11)^7-2*E(11)^8-3*E(11)^9-2*E(11)^{10}$	$3*E(11)+2*E(11)^2+3*E(11)^3+3$
$*E(11)^2-2*E(11)^3-2*E(11)^4-2*E(11)^5-3*E(11)^6-3*E(11)^7-3*E(11)^8-2*E(11)^9-3*E(11)^{10}$	$2*E(11)+3*E(11)^2+2*E(11)^3+2$
-1	
-1	
-1	
1	
0	
$-E(11)^2-E(11)^6-E(11)^7-E(11)^8-E(11)^{10}$	
$-E(11)-E(11)^3-E(11)^4-E(11)^5-E(11)^9$	

$,105,87,61,40)(19,101,85,64,42)(20,103,84,56,35)(21,106,79,60,34)(22,100,83,58,41)(23,119,94,77,48)(24,111,95,70,53)(25,114,92,69,51)(26,112,98,$

$84,69,24)(20,95,70,35)(21,106,71,46)(22,117,72,57)(25,30,85,80)(26,41,86,91)(27,52,87,102)(28,63,88,113)(31,96,81,36)(32,107,82,47)(33,118,83,58$

$,105,87,61,40)(19,101,85,64,42)(20,103,84,56,35)(21,106,79,60,34)(22,100,83,58,41)(23,119,94,77,48)(24,111,95,70,53)(25,114,92,69,51)(26,112,98,$

N_1	
P_1	
$22a$	$11b$
3	3
2	2
$E(11) + E(11)^3 + E(11)^4 + E(11)^5 + E(11)^9$	$E(11)^2 + E(11)^6 + E(11)^7 + E(11)^8 +$
$E(11)^2 + E(11)^6 + E(11)^7 + E(11)^8 + E(11)^{10}$	$E(11) + E(11)^3 + E(11)^4 + E(11)^5 +$
-1	-1
-1	-1
$* E(11)^4 + 3 * E(11)^5 + 2 * E(11)^6 + 2 * E(11)^7 + 2 * E(11)^8 + 3 * E(11)^9 + 2 * E(11)^{10}$	$-2 * E(11) - 3 * E(11)^2 - 2 * E(11)^3 - 2 * E(11)^4 - 2 * E(11)^5 - 3 * E(11)^6 - 3$
$* E(11)^4 + 2 * E(11)^5 + 3 * E(11)^6 + 3 * E(11)^7 + 3 * E(11)^8 + 2 * E(11)^9 + 3 * E(11)^{10}$	$-3 * E(11) - 2 * E(11)^2 - 3 * E(11)^3 - 3 * E(11)^4 - 3 * E(11)^5 - 2 * E(11)^6 - 2$
1	-1
1	-1
1	-1
1	1
0	0
$E(11)^2 + E(11)^6 + E(11)^7 + E(11)^8 + E(11)^{10}$	$-E(11) - E(11)^3 - E(11)^4 - E(11)^5 -$
$E(11) + E(11)^3 + E(11)^4 + E(11)^5 + E(11)^9$	$-E(11)^2 - E(11)^6 - E(11)^7 - E(11)^8 -$

$74, 50)(27, 121, 90, 68, 55)(28, 116, 93, 75, 49)(29, 120, 89, 71, 46)(30, 117, 99, 73, 52)(31, 113, 97, 76, 54)(32, 115, 96, 67, 47)(33, 118, 91, 72, 45)]) \cong \mathrm{C5}$

$)(37, 42, 97, 92)(38, 53, 98, 103)(39, 64, 99, 114)(43, 108, 93, 48)(44, 119, 94, 59)(49, 54, 109, 104)(50, 65, 110, 115)(55, 120, 105, 60)(61, 66, 121, 116), (2, 73, 12)(3, 85, 23)(4, 97, 34)$
$, 74, 50)(27, 121, 90, 68, 55)(28, 116, 93, 75, 49)(29, 120, 89, 71, 46)(30, 117, 99, 73, 52)(31, 113, 97, 76, 54)(32, 115, 96, 67, 47)(33, 118, 91, 72, 45), (2, 3, 4, 5, 6, 7, 8, 9, 10, 11)(12, 115,$

	$1a$	$2a$	$4a$	$3a$	$6a$	$5a$	$10a$	$5b$	$10b$	$12a$	$12b$
χ_1	1	1	1	1	1	1	1	1	1	1	1
χ_2	5	5	1	-1	-1	0	0	0	0	1	1
χ_3	5	5	1	-1	-1	0	0	0	0	1	1
χ_4	10	10	-2	1	1	0	0	0	0	1	1
χ_5	10	10	2	1	1	0	0	0	0	-1	-1
χ_6	11	11	-1	-1	-1	1	1	1	1	-1	-1
χ_7	12	12	0	0	0	$E(5)+E(5)^4$	$E(5)+E(5)^4$	$E(5)^2+E(5)^3$	$E(5)^2+E(5)^3$	0	0
χ_8	12	12	0	0	0	$E(5)^2+E(5)^3$	$E(5)^2+E(5)^3$	$E(5)+E(5)^4$	$E(5)+E(5)^4$	0	0
χ_9	6	-6	0	0	0	1	-1	1	-1	0	0
χ_{10}	6	-6	0	0	0	1	-1	1	-1	0	0
χ_{11}	10	-10	0	-2	2	0	0	0	0	0	0
χ_{12}	10	-10	0	1	-1	0	0	0	0	$-E(12)^7+E(12)^{11}$	$E(12)^7-E(12)^{11}$
χ_{13}	10	-10	0	1	-1	0	0	0	0	$E(12)^7-E(12)^{11}$	$-E(12)^7+E(12)^{11}$
χ_{14}	12	-12	0	0	0	$E(5)+E(5)^4$	$-E(5)-E(5)^4$	$E(5)^2+E(5)^3$	$-E(5)^2-E(5)^3$	0	0
χ_{15}	12	-12	0	0	0	$E(5)^2+E(5)^3$	$-E(5)^2-E(5)^3$	$E(5)+E(5)^4$	$-E(5)-E(5)^4$	0	0

	$22b$
	3
	2
$E(11)^{10}$	$E(11)^2+E(11)^6+E(11)^7+E(11)^8+E(11)^{10}$
$E(11)^9$	$E(11)+E(11)^3+E(11)^4+E(11)^5+E(11)^9$
	-1
	-1
$*E(11)^7-3*E(11)^8-2*E(11)^9-3*E(11)^{10}$	$2*E(11)+3*E(11)^2+2*E(11)^3+2*E(11)^4+2*E(11)^5+3*E(11)^6+3*E(11)^7+3*E(11)^8$
$*E(11)^7-2*E(11)^8-3*E(11)^9-2*E(11)^{10}$	$3*E(11)+2*E(11)^2+3*E(11)^3+3*E(11)^4+3*E(11)^5+2*E(11)^6+2*E(11)^7+2*E(11)^8$
	1
	1
	1
	1
	0
$E(11)^9$	$E(11)+E(11)^3+E(11)^4+E(11)^5+E(11)^9$
$E(11)^{10}$	$E(11)^2+E(11)^6+E(11)^7+E(11)^8+E(11)^{10}$

$(5,109,45)(6,121,56)(7,13,67)(8,25,78)(9,37,89)(10,49,100)(11,61,111)(14,84,18)(15,93,106)(16,103,95)(17,119,40)(19,32,51)(20,39,117)(21,52,29$
$107,96,82,67,65,47,36,32)(13,117,102,99,80,73,57,52,39,30)(14,112,110,98,86,74,62,50,38,26)(15,116,109,93,88,75,66,49,43,28)(16,113,104,97,$

$11a$	$22a$	$11b$
1	1	1
$E(11)+E(11)^3+E(11)^4+E(11)^5+E(11)^9$	$E(11)+E(11)^3+E(11)^4+E(11)^5+E(11)^9$	$E(11)^2+E(11)^6+E(11)^7+E(11)^8+E(11)^{10}$
$E(11)^2+E(11)^6+E(11)^7+E(11)^8+E(11)^{10}$	$E(11)^2+E(11)^6+E(11)^7+E(11)^8+E(11)^{10}$	$E(11)+E(11)^3+E(11)^4+E(11)^5+E(11)^9$
-1	-1	-1
-1	-1	-1
0	0	0
1	1	1
1	1	1
$-E(11)-E(11)^3-E(11)^4-E(11)^5-E(11)^9$	$E(11)+E(11)^3+E(11)^4+E(11)^5+E(11)^9$	$-E(11)^2-E(11)^6-E(11)^7-E(11)^8-E(11)^{10}$
$-E(11)^2-E(11)^6-E(11)^7-E(11)^8-E(11)^{10}$	$E(11)^2+E(11)^6+E(11)^7+E(11)^8+E(11)^{10}$	$-E(11)-E(11)^3-E(11)^4-E(11)^5-E(11)^9$
-1	1	-1
-1	1	-1
-1	1	-1
1	-1	1
1	-1	1

						N_2			
						P_2			
	$4a$	$6a$	$3a$	$12a$	$12b$	$1a$	$4a$	$2a$	$4b$
	1	1	1	1	1	0	0	0	0
	-1	-1	-1	-1	-1	0	0	0	0
	1	-1	-1	1	1	0	0	0	0
	1	-1	-1	1	1	0	0	0	0
	-2	1	1	1	1	0	0	0	0
	2	1	1	-1	-1	0	0	0	0
$+2*E(11)^9+3*E(11)^{10}$	0	0	0	0	0	0	0	0	0
$+3*E(11)^9+2*E(11)^{10}$	0	0	0	0	0	0	0	0	0
	0	2	-2	0	0	0	0	0	0
	0	-1	1	$-E(12)^7+E(12)^{11}$	$E(12)^7-E(12)^{11}$	0	0	0	0
	0	-1	1	$E(12)^7-E(12)^{11}$	$-E(12)^7+E(12)^{11}$	0	0	0	0
	1	1	1	1	1	1	1	1	1
	-1	-1	-1	-1	-1	1	-1	1	-1
	0	0	0	0	0	1	$E(4)$	-1	$-E(4)$
	0	0	0	0	0	1	$-E(4)$	-1	$E(4)$

$)(22,66,62)(24,68,74)(26,96,30)(27,105,118)(28,115,107)(31,44,63)(33,64,41)(35,76,53)(36,80,86)(38,108,42)(43,46,75)(47,88,65)(48,92,98)(50,1$

$81,76,63,54,37,31)(17,119,108,94,78,77,59,48,44,23)(18,121,105,90,87,68,61,55,40,27)(19,114,101,92,85,69,64,51,42,25)(20,111,103,95,84,70$

$22b$
1
$E(11)^2+E(11)^6+E(11)^7+E(11)^8+E(11)^{10}$
$E(11)+E(11)^3+E(11)^4+E(11)^5+E(11)^9$
-1
-1
0
1
1
$E(11)^2+E(11)^6+E(11)^7+E(11)^8+E(11)^{10}$
$E(11)+E(11)^3+E(11)^4+E(11)^5+E(11)^9$
1
1
1
-1
-1

$20,54)(55,58,87)(57,70,99)(59,90,77)(60,104,110)(69,82,101)(71,102,79)(72,116,112)(81,94,113)(83,114,91)]) \cong \mathrm{SL(2,11)}$

$,56,53,35,24)(21,120,106,89,79,71,60,46,34,29)(22,118,100,91,83,72,58,45,41,33),(2,14,7,74)(3,26,8,86)(4,38,9,98)(5,50,10,110)(6,62,11,112)(12,88,67,28)(13,71,$

$73, 21)(15, 32, 75, 82)(16, 111, 76, 56)(17, 105, 77, 55)(18, 48, 68, 108)(19, 91, 69, 41)(20, 63, 70, 113)(22, 42, 72, 92)(23, 90, 78, 40)(24, 54, 84, 104)(25, 83, 85, 33)(27, 44, 87, 94)(29,$

$117, 79, 57)(30, 60, 80, 120)(31, 103, 81, 53)(34, 102, 89, 52)(35, 37, 95, 97)(36, 66, 96, 116)(39, 46, 99, 106)(43, 115, 93, 65)(45, 114, 100, 64)(47, 49, 107, 109)(51, 58, 101, 118)(59, 61, 119, 121)]) \cong \mathrm{C5} : \mathrm{C4}$