The group G is isomorphic to the special linear group SL(2,13).
Ordinary character table of $G \cong$ SL(2,13):

Trivial source character table of G $\cong$ SL(2,13) at p = 7

$Normalisers\ N_i$			
$p-subgroups\ of\ G\ up\ to\ conjugacy\ in\ G$			
$Representatives\ n_j \in N_i$	$1a$	$2a$	$3a$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	14	14	2
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	42	-42	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	42	-42	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	7	7	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	7	7	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	49	49	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	14	-14	2
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	14	14	-1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	14	14	-1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17}$	14	-14	-1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17}$	14	-14	-1
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	36	36	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	36	-36	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17}$	36	-36	0

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1, 15, 32, 50, 47, 33, 6)(2, 8, 36, 34, 55, 37, 20)(3, 24, 21, 53, 38, 41, 11)(4, 27, 42, 56, 28, 31, 5)(7, 35, 52, 49, 30, 18, 13)(9, 26, 23, 46, 54, 48, 17)(10, 16, 25, 14,$

$N_1 = Group([(2, 4, 7)(5, 8, 12)(6, 9, 14)(10, 15, 21)(11, 16, 23)(13, 18, 26)(17, 24, 32)(19, 27, 34)(22, 29, 25)(28, 35, 40)(30, 36, 42)(37, 43, 49)(38, 44, 50)(39, 45, 52)(46, 5$
$N_2 = Group([(1, 31, 3, 20)(2, 6, 5, 11)(4, 41, 8, 33)(7, 48, 12, 39)(9, 29, 16, 18)(10, 13, 17, 22)(14, 49, 23, 40)(15, 28, 24, 37)(19, 25, 30, 26)(21, 55, 32, 56)(27, 38, 36, 47)(34$

	1a	2a	3a	4a	6a	7a	7b	7c	12a
χ_1	1	1	1	1	1	1	1	1	1
χ_2	6	−6	0	0	0	−1	−1	−1	0
χ_3	6	−6	0	0	0	−1	−1	−1	0
χ_4	7	7	1	−1	1	0	0	0	−1
χ_5	7	7	1	−1	1	0	0	0	−1
χ_6	12	−12	0	0	0	−E(7)^2 − E(7)^5	−E(7)^3 − E(7)^4	−E(7) − E(7)^6	0
χ_7	12	12	0	0	0	−E(7)^2 − E(7)^5	−E(7)^3 − E(7)^4	−E(7) − E(7)^6	0
χ_8	12	12	0	0	0	−E(7) − E(7)^6	−E(7)^2 − E(7)^5	−E(7)^3 − E(7)^4	0
χ_9	12	−12	0	0	0	−E(7) − E(7)^6	−E(7)^2 − E(7)^5	−E(7)^3 − E(7)^4	0
χ_{10}	12	−12	0	0	0	−E(7)^3 − E(7)^4	−E(7) − E(7)^6	−E(7)^2 − E(7)^5	0
χ_{11}	12	12	0	0	0	−E(7)^3 − E(7)^4	−E(7) − E(7)^6	−E(7)^2 − E(7)^5	0
χ_{12}	13	13	1	1	1	−1	−1	−1	1
χ_{13}	14	−14	2	0	−2	0	0	0	0
χ_{14}	14	14	−1	−2	−1	0	0	0	1
χ_{15}	14	14	−1	2	−1	0	0	0	−1
χ_{16}	14	−14	−1	0	1	0	0	0	E(12)^7 − E(12)^11
χ_{17}	14	−14	−1	0	1	0	0	0	−E(12)^7 + E(12)^11

4a	6a	12a	12b	13a
2	2	2	2	1
0	0	0	0	3 ∗ E(13) + 4 ∗ E(13)^2 + 3 ∗ E(13)^3 + 3 ∗ E(13)^4 + 4 ∗ E(13)^5 + 4 ∗ E(13)^6 + 4 ∗ E(13)^7 + 4 ∗ E(13)^8 + 3 ∗ E(13)^9 + 3
0	0	0	0	4 ∗ E(13) + 3 ∗ E(13)^2 + 4 ∗ E(13)^3 + 4 ∗ E(13)^4 + 3 ∗ E(13)^5 + 3 ∗ E(13)^6 + 3 ∗ E(13)^7 + 3 ∗ E(13)^8 + 4 ∗ E(13)^9 + 4
−1	1	−1	−1	−E(13) − E(13)^3 − E(13)^4 − E(13)^9 − E(13)^10 − E(13)^12
−1	1	−1	−1	−E(13)^2 − E(13)^5 − E(13)^6 − E(13)^7 − E(13)^8 − E(13)^11
1	1	1	1	−3
0	−2	0	0	1
−2	−1	1	1	1
2	−1	−1	−1	1
0	1	E(12)^7 − E(12)^11	−E(12)^7 + E(12)^11	1
0	1	−E(12)^7 + E(12)^11	E(12)^7 − E(12)^11	1
1	1	1	1	1
0	0	0	0	−3
0	0	0	0	−3
0	0	0	0	−3

44, 45, 39)(12, 43, 51, 40, 19, 29, 22)]) ≅ C7

3, 47)(48, 54, 51), (1, 2, 3, 5)(4, 6, 8, 11)(7, 10, 12, 17)(9, 13, 16, 22)(14, 19, 23, 30)(15, 20, 24, 31)(18, 25, 29, 26)(21, 28, 32, 37)(27, 33, 36, 41)(34, 38, 42, 47)(35, 39, 43, 48)(40, 46, 49, 44)(45, 51, 54, 52)(50
, 50, 42, 53)(35, 54, 43, 45)(44, 52, 46, 51), (1, 15, 32, 50, 47, 33, 6)(2, 8, 36, 34, 55, 37, 20)(3, 24, 21, 53, 38, 41, 11)(4, 27, 42, 56, 28, 31, 5)(7, 35, 52, 49, 30, 18, 13)(9, 26, 23, 46, 54, 48, 17)(10, 16, 25, 14, 44,

$12b$	$13a$	$13b$	$14a$
1	1	1	1
0	$E(13)\hat{}\,2 + E(13)\hat{}\,5 + E(13)\hat{}\,6 + E(13)\hat{}\,7 + E(13)\hat{}\,8 + E(13)\hat{}\,11$	$E(13) + E(13)\hat{}\,3 + E(13)\hat{}\,4 + E(13)\hat{}\,9 + E(13)\hat{}\,10 + E(13)\hat{}\,12$	1
0	$E(13) + E(13)\hat{}\,3 + E(13)\hat{}\,4 + E(13)\hat{}\,9 + E(13)\hat{}\,10 + E(13)\hat{}\,12$	$E(13)\hat{}\,2 + E(13)\hat{}\,5 + E(13)\hat{}\,6 + E(13)\hat{}\,7 + E(13)\hat{}\,8 + E(13)\hat{}\,11$	1
−1	$-E(13) - E(13)\hat{}\,3 - E(13)\hat{}\,4 - E(13)\hat{}\,9 - E(13)\hat{}\,10 - E(13)\hat{}\,12$	$-E(13)\hat{}\,2 - E(13)\hat{}\,5 - E(13)\hat{}\,6 - E(13)\hat{}\,7 - E(13)\hat{}\,8 - E(13)\hat{}\,11$	0
−1	$-E(13)\hat{}\,2 - E(13)\hat{}\,5 - E(13)\hat{}\,6 - E(13)\hat{}\,7 - E(13)\hat{}\,8 - E(13)\hat{}\,11$	$-E(13) - E(13)\hat{}\,3 - E(13)\hat{}\,4 - E(13)\hat{}\,9 - E(13)\hat{}\,10 - E(13)\hat{}\,12$	0
0	−1	−1	$E(7)\hat{}\,2 + E(7)\hat{}\,5$
0	−1	−1	$-E(7)\hat{}\,2 - E(7)\hat{}\,5$
0	−1	−1	$-E(7) - E(7)\hat{}\,6$
0	−1	−1	$E(7) + E(7)\hat{}\,6$
0	−1	−1	$E(7)\hat{}\,3 + E(7)\hat{}\,4$
0	−1	−1	$-E(7)\hat{}\,3 - E(7)\hat{}\,4$
1	0	0	−1
0	1	1	0
1	1	1	0
−1	1	1	0
$-E(12)\hat{}\,7 + E(12)\hat{}\,11$	1	1	0
$E(12)\hat{}\,7 - E(12)\hat{}\,11$	1	1	0

N_1

P_1

	$13b$
	1
$* E(13)\hat{}\,10 + 4 * E(13)\hat{}\,11 + 3 * E(13)\hat{}\,12$	$4 * E(13) + 3 * E(13)\hat{}\,2 + 4 * E(13)\hat{}\,3 + 4 * E(13)\hat{}\,4 + 3 * E(13)\hat{}\,5 + 3 * E(13)\hat{}\,6 + 3 * E(13)\hat{}\,7 + 3 * E(13)\hat{}\,8 + 4 * E(13)\hat{}\,9 + 4 * E(13)\hat{}\,10$
$* E(13)\hat{}\,10 + 3 * E(13)\hat{}\,11 + 4 * E(13)\hat{}\,12$	$3 * E(13) + 4 * E(13)\hat{}\,2 + 3 * E(13)\hat{}\,3 + 3 * E(13)\hat{}\,4 + 4 * E(13)\hat{}\,5 + 4 * E(13)\hat{}\,6 + 4 * E(13)\hat{}\,7 + 4 * E(13)\hat{}\,8 + 3 * E(13)\hat{}\,9 + 3 * E(13)\hat{}\,10$
	$-E(13)\hat{}\,2 - E(13)\hat{}\,5 - E(13)\hat{}\,6 - E(13)\hat{}\,7 - E(13)\hat{}\,8 - E(13)\hat{}\,11$
	$-E(13) - E(13)\hat{}\,3 - E(13)\hat{}\,4 - E(13)\hat{}\,9 - E(13)\hat{}\,10 - E(13)\hat{}\,12$
	−3
	1
	1
	1
	1
	1
	1
	−3
	−3
	−3

, 55, 53, 56)]) ≅ SL(2,13)

5, 39)(12, 43, 51, 40, 19, 29, 22)]) ≅ C7 : C4

$14b$	$14c$	$26a$	$26b$
1	1	1	1
1	1	$-E(13)\hat{}2-E(13)\hat{}5-E(13)\hat{}6-E(13)\hat{}7-E(13)\hat{}8-E(13)\hat{}11$	$-E(13)-E(13)\hat{}3-E(13)\hat{}4-E(13)\hat{}9-E(13)\hat{}10-E(13)\hat{}12$
1	1	$-E(13)-E(13)\hat{}3-E(13)\hat{}4-E(13)\hat{}9-E(13)\hat{}10-E(13)\hat{}12$	$-E(13)\hat{}2-E(13)\hat{}5-E(13)\hat{}6-E(13)\hat{}7-E(13)\hat{}8-E(13)\hat{}11$
0	0	$-E(13)-E(13)\hat{}3-E(13)\hat{}4-E(13)\hat{}9-E(13)\hat{}10-E(13)\hat{}12$	$-E(13)\hat{}2-E(13)\hat{}5-E(13)\hat{}6-E(13)\hat{}7-E(13)\hat{}8-E(13)\hat{}11$
0	0	$-E(13)\hat{}2-E(13)\hat{}5-E(13)\hat{}6-E(13)\hat{}7-E(13)\hat{}8-E(13)\hat{}11$	$-E(13)-E(13)\hat{}3-E(13)\hat{}4-E(13)\hat{}9-E(13)\hat{}10-E(13)\hat{}12$
$E(7)+E(7)\hat{}6$	$E(7)\hat{}3+E(7)\hat{}4$	1	1
$-E(7)-E(7)\hat{}6$	$-E(7)\hat{}3-E(7)\hat{}4$	-1	-1
$-E(7)\hat{}3-E(7)\hat{}4$	$-E(7)\hat{}2-E(7)\hat{}5$	-1	-1
$E(7)\hat{}3+E(7)\hat{}4$	$E(7)\hat{}2+E(7)\hat{}5$	1	1
$E(7)\hat{}2+E(7)\hat{}5$	$E(7)+E(7)\hat{}6$	1	1
$-E(7)\hat{}2-E(7)\hat{}5$	$-E(7)-E(7)\hat{}6$	-1	-1
-1	-1	0	0
0	0	-1	-1
0	0	1	1
0	0	1	1
0	0	-1	-1
0	0	-1	-1

	$26a$
	1
$+3*E(13)\hat{}11+4*E(13)\hat{}12$	$-3*E(13)-4*E(13)\hat{}2-3*E(13)\hat{}3-3*E(13)\hat{}4-4*E(13)\hat{}5-4*E(13)\hat{}6-4*E(13)\hat{}7-4*E(13)\hat{}8-3*E(13)\hat{}9-3*E(13)\hat{}10-4*E(13)\hat{}$
$+4*E(13)\hat{}11+3*E(13)\hat{}12$	$-4*E(13)-3*E(13)\hat{}2-4*E(13)\hat{}3-4*E(13)\hat{}4-3*E(13)\hat{}5-3*E(13)\hat{}6-3*E(13)\hat{}7-3*E(13)\hat{}8-4*E(13)\hat{}9-4*E(13)\hat{}10-3*E(13)\hat{}$
	$-E(13)-E(13)\hat{}3-E(13)\hat{}4-E(13)\hat{}9-E(13)\hat{}10-E(13)\hat{}12$
	$-E(13)\hat{}2-E(13)\hat{}5-E(13)\hat{}6-E(13)\hat{}7-E(13)\hat{}8-E(13)\hat{}11$
	-3
	-1
	1
	1
	-1
	-1
	1
	-3
	3
	3

		N_2			
		P_2			
	$26b$	$1a$	$2a$	$4a$	$4a$
	1	0	0	0	0
$11-3*E(13)\hat{}12$	$-4*E(13)-3*E(13)\hat{}2-4*E(13)\hat{}3-4*E(13)\hat{}4-3*E(13)\hat{}5-3*E(13)\hat{}6-3*E(13)\hat{}7-3*E(13)\hat{}8-4*E(13)\hat{}9-4*E(13)\hat{}10-3*E(13)\hat{}11-4*E(13)\hat{}12$	0	0	0	0
$11-4*E(13)\hat{}12$	$-3*E(13)-4*E(13)\hat{}2-3*E(13)\hat{}3-3*E(13)\hat{}4-4*E(13)\hat{}5-4*E(13)\hat{}6-4*E(13)\hat{}7-4*E(13)\hat{}8-3*E(13)\hat{}9-3*E(13)\hat{}10-4*E(13)\hat{}11-3*E(13)\hat{}12$	0	0	0	0
	$-E(13)\hat{}2-E(13)\hat{}5-E(13)\hat{}6-E(13)\hat{}7-E(13)\hat{}8-E(13)\hat{}11$	0	0	0	0
	$-E(13)-E(13)\hat{}3-E(13)\hat{}4-E(13)\hat{}9-E(13)\hat{}10-E(13)\hat{}12$	0	0	0	0
	-3	0	0	0	0
	-1	0	0	0	0
	1	0	0	0	0
	1	0	0	0	0
	-1	0	0	0	0
	-1	0	0	0	0
	1	1	1	1	1
	-3	1	1	-1	-1
	3	1	-1	$E(4)$	$-E(4)$
	3	1	-1	$-E(4)$	$E(4)$