The group G is isomorphic to the group PSL(2,11) : C2.
Ordinary character table of $G \cong$ PSL(2,11) : C2:

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

Trivial source character table of $G \cong$ PSL(2,11) : C2 at $p = 5$:

Normalisers N_i	N_1									N_2			
p-subgroups of G up to conjugacy in G	P_1									P_2			
Representatives $n_j \in N_i$	$1a$	$2b$	$2a$	$3a$	$4a$	$6a$	$12a$	$12b$	$11a$	$1a$	$2c$	$2b$	$2a$
$1\cdot\chi_1 + 0\cdot\chi_2 + 0\cdot\chi_3 + 0\cdot\chi_4 + 0\cdot\chi_5 + 0\cdot\chi_6 + 0\cdot\chi_7 + 0\cdot\chi_8 + 0\cdot\chi_9 + 1\cdot\chi_{10} + 0\cdot\chi_{11} + 1\cdot\chi_{12} + 0\cdot\chi_{13}$	25	5	1	1	1	1	1	1	3	0	0	0	0
$0\cdot\chi_1 + 0\cdot\chi_2 + 0\cdot\chi_3 + 0\cdot\chi_4 + 0\cdot\chi_5 + 0\cdot\chi_6 + 0\cdot\chi_7 + 1\cdot\chi_8 + 0\cdot\chi_9 + 1\cdot\chi_{10} + 0\cdot\chi_{11} + 1\cdot\chi_{12} + 0\cdot\chi_{13}$	35	5	-1	-1	-1	-1	-1	-1	2	0	0	0	0
$0\cdot\chi_1 + 1\cdot\chi_2 + 0\cdot\chi_3 + 0\cdot\chi_4 + 0\cdot\chi_5 + 0\cdot\chi_6 + 0\cdot\chi_7 + 0\cdot\chi_8 + 0\cdot\chi_9 + 0\cdot\chi_{10} + 1\cdot\chi_{11} + 0\cdot\chi_{12} + 1\cdot\chi_{13}$	25	-5	1	1	-1	1	-1	-1	3	0	0	0	0
$0\cdot\chi_1 + 0\cdot\chi_2 + 0\cdot\chi_3 + 0\cdot\chi_4 + 0\cdot\chi_5 + 0\cdot\chi_6 + 0\cdot\chi_7 + 0\cdot\chi_8 + 1\cdot\chi_9 + 0\cdot\chi_{10} + 1\cdot\chi_{11} + 0\cdot\chi_{12} + 1\cdot\chi_{13}$	35	-5	-1	-1	1	-1	1	1	2	0	0	0	0
$0\cdot\chi_1 + 0\cdot\chi_2 + 1\cdot\chi_3 + 0\cdot\chi_4 + 0\cdot\chi_5 + 0\cdot\chi_6 + 0\cdot\chi_7 + 0\cdot\chi_8 + 0\cdot\chi_9 + 0\cdot\chi_{10} + 0\cdot\chi_{11} + 0\cdot\chi_{12} + 0\cdot\chi_{13}$	10	0	2	-2	0	2	0	0	-1	0	0	0	0
$0\cdot\chi_1 + 0\cdot\chi_2 + 0\cdot\chi_3 + 1\cdot\chi_4 + 0\cdot\chi_5 + 0\cdot\chi_6 + 0\cdot\chi_7 + 0\cdot\chi_8 + 0\cdot\chi_9 + 0\cdot\chi_{10} + 0\cdot\chi_{11} + 0\cdot\chi_{12} + 0\cdot\chi_{13}$	10	0	-2	1	2	1	-1	-1	-1	0	0	0	0
$0\cdot\chi_1 + 0\cdot\chi_2 + 0\cdot\chi_3 + 0\cdot\chi_4 + 1\cdot\chi_5 + 0\cdot\chi_6 + 0\cdot\chi_7 + 0\cdot\chi_8 + 0\cdot\chi_9 + 0\cdot\chi_{10} + 0\cdot\chi_{11} + 0\cdot\chi_{12} + 0\cdot\chi_{13}$	10	0	-2	1	-2	1	1	1	-1	0	0	0	0
$0\cdot\chi_1 + 0\cdot\chi_2 + 0\cdot\chi_3 + 0\cdot\chi_4 + 0\cdot\chi_5 + 1\cdot\chi_6 + 0\cdot\chi_7 + 0\cdot\chi_8 + 0\cdot\chi_9 + 0\cdot\chi_{10} + 0\cdot\chi_{11} + 0\cdot\chi_{12} + 0\cdot\chi_{13}$	10	0	2	1	0	-1	$-E(12)^7 + E(12)^{11}$	$E(12)^7 - E(12)^{11}$	-1	0	0	0	0
$0\cdot\chi_1 + 0\cdot\chi_2 + 0\cdot\chi_3 + 0\cdot\chi_4 + 0\cdot\chi_5 + 0\cdot\chi_6 + 1\cdot\chi_7 + 0\cdot\chi_8 + 0\cdot\chi_9 + 0\cdot\chi_{10} + 0\cdot\chi_{11} + 0\cdot\chi_{12} + 0\cdot\chi_{13}$	10	0	2	1	0	-1	$E(12)^7 - E(12)^{11}$	$-E(12)^7 + E(12)^{11}$	-1	0	0	0	0
$1\cdot\chi_1 + 0\cdot\chi_2 + 0\cdot\chi_3 + 0\cdot\chi_4 + 0\cdot\chi_5 + 0\cdot\chi_6 + 0\cdot\chi_7 + 0\cdot\chi_8 + 0\cdot\chi_9 + 0\cdot\chi_{10} + 0\cdot\chi_{11} + 0\cdot\chi_{12} + 0\cdot\chi_{13}$	1	1	1	1	1	1	1	1	1	1	1	1	1
$0\cdot\chi_1 + 0\cdot\chi_2 + 0\cdot\chi_3 + 0\cdot\chi_4 + 0\cdot\chi_5 + 0\cdot\chi_6 + 0\cdot\chi_7 + 0\cdot\chi_8 + 1\cdot\chi_9 + 0\cdot\chi_{10} + 0\cdot\chi_{11} + 0\cdot\chi_{12} + 0\cdot\chi_{13}$	11	-1	-1	-1	1	-1	1	1	0	1	-1	1	-1
$0\cdot\chi_1 + 1\cdot\chi_2 + 0\cdot\chi_3 + 0\cdot\chi_4 + 0\cdot\chi_5 + 0\cdot\chi_6 + 0\cdot\chi_7 + 0\cdot\chi_8 + 0\cdot\chi_9 + 0\cdot\chi_{10} + 0\cdot\chi_{11} + 0\cdot\chi_{12} + 0\cdot\chi_{13}$	1	-1	1	1	-1	1	-1	-1	1	1	1	-1	-1
$0\cdot\chi_1 + 0\cdot\chi_2 + 0\cdot\chi_3 + 0\cdot\chi_4 + 0\cdot\chi_5 + 0\cdot\chi_6 + 1\cdot\chi_7 + 0\cdot\chi_8 + 0\cdot\chi_9 + 0\cdot\chi_{10} + 0\cdot\chi_{11} + 0\cdot\chi_{12} + 0\cdot\chi_{13}$	11	1	-1	-1	-1	-1	-1	-1	0	1	-1	-1	1

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(3,10,8,7,11)(4,9,6,5,12)]) \cong$ C5

$N_1 = Group([(3,4)(5,7)(6,8)(9,10)(11,12), (1,2,3)(4,5,6)(7,9,10)(8,11,12)]) \cong$ PSL(2,11) : C2
$N_2 = Group([(3,10,8,7,11)(4,9,6,5,12), (1,2)(5,6)(7,8)(9,12)(10,11), (1,2)(3,4)(5,8)(6,7)(9,11)(10,12)]) \cong$ D20