The group G is isomorphic to the group labelled by [72, 45] in the Small Groups library.
Ordinary character table of $G \cong$ C2 x ((C3 x C3) : C4):

	$1a$	$2a$	$3a$	$4a$	$4b$	$3b$	$2b$	$2c$	$6a$	$4c$	$4d$	$6b$
χ_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
χ_3	1	1	1	-1	-1	1	1	1	1	-1	-1	1
χ_4	1	1	1	1	1	1	-1	-1	-1	-1	-1	-1
χ_5	1	-1	1	$-E(4)$	$E(4)$	1	-1	1	-1	$E(4)$	$-E(4)$	-1
χ_6	1	-1	1	$E(4)$	$-E(4)$	1	-1	1	-1	$-E(4)$	$E(4)$	-1
χ_7	1	-1	1	$-E(4)$	$E(4)$	1	1	-1	1	$-E(4)$	$E(4)$	1
χ_8	1	-1	1	$E(4)$	$-E(4)$	1	1	-1	1	$E(4)$	$-E(4)$	1
χ_9	4	0	-2	0	0	1	-4	0	2	0	0	-1
χ_{10}	4	0	-2	0	0	1	4	0	-2	0	0	1
χ_{11}	4	0	1	0	0	-2	-4	0	-1	0	0	2
χ_{12}	4	0	1	0	0	-2	4	0	1	0	0	-2

Trivial source character table of $G \cong$ C2 x ((C3 x C3) : C4) at $p = 3$:

Normalisers N_i	N_1								N_2				N_3				N_4							
p-subgroups of G up to conjugacy in G	P_1								P_2				P_3				P_4							
Representatives $n_j \in N_i$	$1a$	$2a$	$4a$	$4b$	$2b$	$2c$	$4c$	$4d$	$1a$	$2a$	$2b$	$2c$	$1a$	$2a$	$2b$	$2c$	$1a$	$2b$	$4d$	$2a$	$4b$	$2c$	$4c$	$4a$
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}$	9	1	1	1	9	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}$	9	1	-1	-1	9	1	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}$	9	-1	$E(4)$	$-E(4)$	9	-1	$E(4)$	$-E(4)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}$	9	-1	$-E(4)$	$E(4)$	9	-1	$-E(4)$	$E(4)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}$	9	1	-1	-1	-9	-1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}$	9	1	1	1	-9	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}$	9	-1	$E(4)$	$-E(4)$	-9	1	$-E(4)$	$E(4)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}$	9	-1	$-E(4)$	$E(4)$	-9	1	$E(4)$	$-E(4)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}$	9	-1	$E(4)$	$-E(4)$	-9	1	$-E(4)$	$E(4)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}$	9	-1	$-E(4)$	$E(4)$	-9	1	$E(4)$	$-E(4)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}$	6	2	0	0	-6	-2	0	0	3	1	-3	-1	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}$	6	2	0	0	6	2	0	0	3	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}$	6	-2	0	0	6	-2	0	0	3	-1	3	-1	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}$	6	-2	0	0	-6	2	0	0	3	-1	-3	1	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$	6	2	0	0	-6	-2	0	0	0	0	0	0	3	1	-3	-1	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$	6	2	0	0	6	2	0	0	0	0	0	0	3	1	3	1	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$	6	-2	0	0	6	-2	0	0	0	0	0	0	3	-1	3	-1	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$	6	-2	0	0	-6	2	0	0	0	0	0	0	3	-1	-3	1	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$	1	1	1	1	-1	-1	-1	-1	1	1	-1	-1	1	1	-1	-1	1	-1	-1	1	1	-1	-1	1
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$	1	1	-1	-1	1	1	-1	-1	1	1	1	1	1	1	1	1	1	1	-1	1	-1	1	-1	-1
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$	1	1	-1	-1	-1	-1	1	1	1	1	-1	-1	1	1	-1	-1	1	-1	1	1	-1	-1	1	-1
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$	1	-1	$-E(4)$	$E(4)$	-1	1	$E(4)$	$-E(4)$	1	-1	-1	1	1	-1	-1	1	1	-1	$-E(4)$	-1	$E(4)$	1	$E(4)$	$-E(4)$
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$	1	-1	$E(4)$	$-E(4)$	-1	1	$-E(4)$	$E(4)$	1	-1	-1	1	1	-1	-1	1	1	-1	$E(4)$	-1	$-E(4)$	1	$-E(4)$	$E(4)$
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$	1	-1	$-E(4)$	$E(4)$	1	-1	$-E(4)$	$E(4)$	1	-1	1	-1	1	-1	1	-1	1	1	$E(4)$	-1	$E(4)$	-1	$-E(4)$	$-E(4)$
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$	1	-1	$E(4)$	$-E(4)$	1	-1	$E(4)$	$-E(4)$	1	-1	1	-1	1	-1	1	-1	1	1	$-E(4)$	-1	$-E(4)$	-1	$E(4)$	$E(4)$

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(3,5,6)]) \cong$ C3
$P_3 = Group([(3,5,6)(4,7,8)]) \cong$ C3
$P_4 = Group([(3,5,6),(4,7,8)]) \cong$ C3 x C3

$N_1 = Group([(1,2)(3,4)(5,8,6,7),(1,2),(5,6)(7,8),(4,8,7),(3,5,6)(4,8,7)]) \cong$ C2 x ((C3 x C3) : C4)
$N_2 = Group([(3,5,6),(4,7,8),(1,2)(4,7,8),(4,8)(5,6)]) \cong$ C2 x ((C3 x C3) : C2)
$N_3 = Group([(3,5,6)(4,7,8),(4,7,8),(1,2)(4,7,8),(4,8)(5,6)]) \cong$ C2 x ((C3 x C3) : C2)
$N_4 = Group([(1,2)(3,4)(5,8,6,7),(1,2),(5,6)(7,8),(4,8,7),(3,5,6)(4,8,7)]) \cong$ C2 x ((C3 x C3) : C4)