The group G is isomorphic to the group labelled by [72, 32] in the Small Groups library.
Ordinary character table of $G \cong$ C4 x ((C3 x C3) : C2):

	1a	3a	2a	3b	3c	3d	4a	12a	4b	12b	12c	12d	2b	6a	2c	6b	6c	6d	4c	12e	4d	12f	12g	12h
χ_{1}	1	1	1	1	1	1	1	1	1	1	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	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	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	1	1	1	1	1	1	-1	-1	-1	-1	-1	-1
χ_{5}	1	1	-1	1	1	1	$-E(4)$	$-E(4)$	$E(4)$	$-E(4)$	$-E(4)$	$-E(4)$	-1	-1	1	-1	-1	-1	$E(4)$	$E(4)$	$-E(4)$	$E(4)$	$E(4)$	$E(4)$
χ_{6}	1	1	-1	1	1	1	$E(4)$	$E(4)$	$-E(4)$	$E(4)$	$E(4)$	$E(4)$	-1	-1	1	-1	-1	-1	$-E(4)$	$-E(4)$	$E(4)$	$-E(4)$	$-E(4)$	$-E(4)$
χ_{7}	1	1	1	1	1	1	$-E(4)$	$-E(4)$	$-E(4)$	$-E(4)$	$-E(4)$	$-E(4)$	-1	-1	-1	-1	-1	-1	$E(4)$	$E(4)$	$E(4)$	$E(4)$	$E(4)$	$E(4)$
χ_{8}	1	1	1	1	1	1	$E(4)$	$E(4)$	$E(4)$	$E(4)$	$E(4)$	$E(4)$	-1	-1	-1	-1	-1	-1	$-E(4)$	$-E(4)$	$-E(4)$	$-E(4)$	$-E(4)$	$-E(4)$
χ_{9}	2	2	0	-1	-1	-1	2	2	0	-1	-1	-1	2	2	0	-1	-1	-1	2	2	0	-1	-1	-1
χ_{10}	2	2	0	-1	-1	-1	-2	-2	0	1	1	1	2	2	0	-1	-1	-1	-2	-2	0	1	1	1
χ_{11}	2	-1	0	2	-1	-1	2	-1	0	2	-1	-1	2	-1	0	2	-1	-1	2	-1	0	2	-1	-1
χ_{12}	2	-1	0	2	-1	-1	-2	1	0	-2	1	1	2	-1	0	2	-1	-1	-2	1	0	-2	1	1
χ_{13}	2	-1	0	-1	-1	2	-2	1	0	1	1	-2	2	-1	0	-1	-1	2	-2	1	0	1	1	-2
χ_{14}	2	-1	0	-1	2	-1	2	-1	0	-1	-1	2	2	-1	0	-1	2	-1	2	-1	0	-1	-1	2
χ_{15}	2	-1	0	-1	2	-1	-2	1	0	1	-2	1	2	-1	0	-1	2	-1	-2	1	0	1	-2	1
χ_{16}	2	-1	0	-1	2	-1	2	-1	0	-1	2	-1	2	-1	0	-1	2	-1	2	-1	0	-1	2	-1
χ_{17}	2	2	0	-1	-1	-1	$-2*E(4)$	$-2*E(4)$	0	$E(4)$	$E(4)$	$E(4)$	-2	-2	0	1	1	1	$2*E(4)$	$2*E(4)$	0	$-E(4)$	$-E(4)$	$-E(4)$
χ_{18}	2	2	0	-1	-1	-1	$2*E(4)$	$2*E(4)$	0	$-E(4)$	$-E(4)$	$-E(4)$	-2	-2	0	1	1	1	$-2*E(4)$	$-2*E(4)$	0	$E(4)$	$E(4)$	$E(4)$
χ_{19}	2	-1	0	2	-1	-1	$-2*E(4)$	$E(4)$	0	$-2*E(4)$	$E(4)$	$E(4)$	-2	1	0	-2	1	1	$2*E(4)$	$-E(4)$	0	$2*E(4)$	$-E(4)$	$-E(4)$
χ_{20}	2	-1	0	2	-1	-1	$2*E(4)$	$-E(4)$	0	$2*E(4)$	$-E(4)$	$-E(4)$	-2	1	0	-2	1	1	$-2*E(4)$	$E(4)$	0	$-2*E(4)$	$E(4)$	$E(4)$
χ_{21}	2	-1	0	-1	-1	2	$-2*E(4)$	$E(4)$	0	$E(4)$	$E(4)$	$-2*E(4)$	-2	1	0	1	1	-2	$2*E(4)$	$-E(4)$	0	$-E(4)$	$-E(4)$	$2*E(4)$
χ_{22}	2	-1	0	-1	-1	2	$2*E(4)$	$-E(4)$	0	$-E(4)$	$-E(4)$	$2*E(4)$	-2	1	0	1	1	-2	$-2*E(4)$	$E(4)$	0	$E(4)$	$E(4)$	$-2*E(4)$
χ_{23}	2	-1	0	-1	2	-1	$-2*E(4)$	$E(4)$	0	$E(4)$	$-2*E(4)$	$E(4)$	-2	1	0	1	-2	1	$2*E(4)$	$-E(4)$	0	$-E(4)$	$2*E(4)$	$-E(4)$
χ_{24}	2	-1	0	-1	2	-1	$2*E(4)$	$-E(4)$	0	$-E(4)$	$2*E(4)$	$-E(4)$	-2	1	0	1	-2	1	$-2*E(4)$	$E(4)$	0	$E(4)$	$-2*E(4)$	$E(4)$

Trivial source character table of $G \cong$ C4 x ((C3 x C3) : C2) at $p = 2$:

Normalisers: N_1 (cols under P_1), N_2 (under P_2), N_3 (under P_3), N_4 (under P_4), N_5 (under P_5), N_6 (under P_6), N_7 (under P_7), N_8 (under P_8).

Representatives $n_j \in N_i$	P_1: 1a	3a	3b	3c	3d	P_2: 1a	3b	3a	3c	3d	P_3: 1a	P_4: 1a	P_5: 1a	3b	3a	3c	3d	P_6: 1a	P_7: 1a	P_8: 1a
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+\cdots+0\cdot\chi_{24}$	8	8	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$\cdots+1\cdot\chi_{11}+1\cdot\chi_{12}+\cdots+1\cdot\chi_{19}+1\cdot\chi_{20}+\cdots$	8	-4	8	-4	-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$\cdots+1\cdot\chi_9+1\cdot\chi_{10}+\cdots+1\cdot\chi_{17}+1\cdot\chi_{18}+\cdots$	8	8	-4	-4	-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$\cdots+1\cdot\chi_{13}+1\cdot\chi_{14}+\cdots+1\cdot\chi_{21}+1\cdot\chi_{22}+\cdots$	8	-4	-4	-4	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$\cdots+1\cdot\chi_{15}+1\cdot\chi_{16}+\cdots+1\cdot\chi_{23}+1\cdot\chi_{24}$	8	-4	-4	8	-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+\cdots+0\cdot\chi_{24}$	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0
$\cdots+1\cdot\chi_{13}+1\cdot\chi_{14}+\cdots$	4	-2	-2	-2	4	4	-2	-2	-2	4	0	0	0	0	0	0	0	0	0	0
$\cdots+1\cdot\chi_{15}+1\cdot\chi_{16}+\cdots$	4	-2	-2	4	-2	4	-2	-2	4	-2	0	0	0	0	0	0	0	0	0	0
$\cdots+1\cdot\chi_9+1\cdot\chi_{10}+\cdots$	4	4	-2	-2	-2	4	-2	4	-2	-2	0	0	0	0	0	0	0	0	0	0
$\cdots+1\cdot\chi_{11}+1\cdot\chi_{12}+\cdots$	4	-2	4	-2	-2	4	4	-2	-2	-2	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+\cdots$	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+\cdots$	4	4	4	4	4	4	4	4	4	4	0	4	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+\cdots$	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	0	0	0
$\cdots+1\cdot\chi_9+\cdots$	2	2	-1	-1	-1	2	-1	2	-1	-1	0	0	2	-1	2	-1	-1	0	0	0
$\cdots+1\cdot\chi_{11}+\cdots$	2	-1	2	-1	-1	2	2	-1	-1	-1	0	0	2	2	-1	-1	-1	0	0	0
$\cdots+1\cdot\chi_{13}+\cdots$	2	-1	-1	-1	2	2	-1	-1	-1	2	0	0	2	-1	-1	-1	2	0	0	0
$\cdots+1\cdot\chi_{15}+\cdots$	2	-1	-1	2	-1	2	-1	-1	2	-1	0	0	2	-1	-1	2	-1	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+\cdots$	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	2	0	0
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+\cdots$	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	2	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+\cdots+0\cdot\chi_{24}$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,3)(2,4)]) \cong$ C2
$P_3 = Group([(6,7)(9,10)]) \cong$ C2
$P_4 = Group([(1,3)(2,4)(6,7)(9,10)]) \cong$ C2
$P_5 = Group([(1,3)(2,4),(1,2,3,4)]) \cong$ C4
$P_6 = Group([(1,3)(2,4),(6,7)(9,10)]) \cong$ C2 x C2
$P_7 = Group([(1,3)(2,4),(1,2,3,4)(6,7)(9,10)]) \cong$ C4
$P_8 = Group([(1,3)(2,4),(1,2,3,4),(6,7)(9,10)]) \cong$ C4 x C2

$N_1 = Group([(6,7)(9,10),(1,2,3,4),(1,3)(2,4),(5,6,7)(8,9,10),(8,9,10)]) \cong$ C4 x ((C3 x C3) : C2)
$N_2 = Group([(6,7)(9,10),(1,2,3,4),(1,3)(2,4),(5,6,7)(8,9,10),(8,9,10)]) \cong$ C4 x ((C3 x C3) : C2)
$N_3 = Group([(6,7)(9,10),(1,2,3,4),(1,3)(2,4)]) \cong$ C4 x C2
$N_4 = Group([(1,3)(2,4)(6,7)(9,10),(6,7)(9,10),(1,2,3,4),(1,3)(2,4)]) \cong$ C4 x C2
$N_5 = Group([(6,7)(9,10),(1,2,3,4),(1,3)(2,4),(5,6,7)(8,9,10),(8,9,10)]) \cong$ C4 x ((C3 x C3) : C2)
$N_6 = Group([(6,7)(9,10),(1,2,3,4)]) \cong$ C4 x C2
$N_7 = Group([(6,7)(9,10),(1,2,3,4)]) \cong$ C4 x C2
$N_8 = Group([(6,7)(9,10),(1,2,3,4)]) \cong$ C4 x C2