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):

| | $1a$ | $2a$ | $3a$ | $4a$ | $4b$ | $3b$ | $2b$ | $2c$ | $6a$ | $4c$ | $4d$ | $6b$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $\chi_1$ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| $\chi_2$ | 1 | 1 | 1 | −1 | −1 | 1 | −1 | −1 | −1 | 1 | 1 | −1 |
| $\chi_3$ | 1 | 1 | 1 | −1 | −1 | 1 | 1 | 1 | 1 | −1 | −1 | 1 |
| $\chi_4$ | 1 | 1 | 1 | 1 | 1 | 1 | −1 | −1 | −1 | −1 | −1 | −1 |
| $\chi_5$ | 1 | −1 | 1 | $-E(4)$ | $E(4)$ | 1 | −1 | 1 | −1 | $E(4)$ | $-E(4)$ | −1 |
| $\chi_6$ | 1 | −1 | 1 | $E(4)$ | $-E(4)$ | 1 | −1 | 1 | −1 | $-E(4)$ | $E(4)$ | −1 |
| $\chi_7$ | 1 | −1 | 1 | $-E(4)$ | $E(4)$ | 1 | 1 | −1 | 1 | $-E(4)$ | $E(4)$ | 1 |
| $\chi_8$ | 1 | −1 | 1 | $E(4)$ | $-E(4)$ | 1 | 1 | −1 | 1 | $E(4)$ | $-E(4)$ | 1 |
| $\chi_9$ | 4 | 0 | −2 | 0 | 0 | 1 | −4 | 0 | 2 | 0 | 0 | −1 |
| $\chi_{10}$ | 4 | 0 | −2 | 0 | 0 | 1 | 4 | 0 | −2 | 0 | 0 | 1 |
| $\chi_{11}$ | 4 | 0 | 1 | 0 | 0 | −2 | −4 | 0 | −1 | 0 | 0 | 2 |
| $\chi_{12}$ | 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 $p = 2$:

| Normalisers $N_i$ | $N_1$ | | | $N_2$ | $N_3$ | | | $N_4$ | $N_5$ | $N_6$ | $N_7$ | $N_8$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $p$-subgroups of $G$ up to conjugacy in $G$ | $P_1$ | | | $P_2$ | $P_3$ | | | $P_4$ | $P_5$ | $P_6$ | $P_7$ | $P_8$ |
| Representatives $n_j \in N_i$ | $1a$ | $3a$ | $3b$ | $1a$ | $1a$ | $3a$ | $3b$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ |
| $1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$ | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}$ | 8 | 2 | −4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$ | 8 | −4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$ | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$ | 4 | 4 | 4 | 0 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}$ | 4 | 1 | −2 | 0 | 4 | 1 | −2 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$ | 4 | −2 | 1 | 0 | 4 | −2 | 1 | 0 | 0 | 0 | 0 | 0 |
| $1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$ | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| $1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$ | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 |
| $1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$ | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| $1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$ | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| $1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}$ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(5,6)(7,8)]) \cong$ C2
$P_3 = Group([(1,2)]) \cong$ C2
$P_4 = Group([(1,2)(5,6)(7,8)]) \cong$ C2
$P_5 = Group([(5,6)(7,8),(1,2)]) \cong$ C2 x C2
$P_6 = Group([(5,6)(7,8),(1,2)(3,4)(5,8,6,7)]) \cong$ C4
$P_7 = Group([(5,6)(7,8),(3,4)(5,8,6,7)]) \cong$ C4
$P_8 = Group([(5,6)(7,8),(1,2),(1,2)(3,4)(5,8,6,7)]) \cong$ C4 x C2

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