The group $G$ is isomorphic to the group labelled by [ 48, 50 ] in the Small Groups library.
Ordinary character table of $G \cong$ (C2 x C2 x C2 x C2) : C3:

| | 1a | 3a | 2a | 2b | 3b | 2c | 2d | 2e |
|---|---|---|---|---|---|---|---|---|
| $\chi_1$ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| $\chi_2$ | 1 | $E(3)^2$ | 1 | 1 | $E(3)$ | 1 | 1 | 1 |
| $\chi_3$ | 1 | $E(3)$ | 1 | 1 | $E(3)^2$ | 1 | 1 | 1 |
| $\chi_4$ | 3 | 0 | 3 | $-1$ | 0 | $-1$ | $-1$ | $-1$ |
| $\chi_5$ | 3 | 0 | $-1$ | 3 | 0 | $-1$ | $-1$ | $-1$ |
| $\chi_6$ | 3 | 0 | $-1$ | $-1$ | 0 | 3 | $-1$ | $-1$ |
| $\chi_7$ | 3 | 0 | $-1$ | $-1$ | 0 | $-1$ | 3 | $-1$ |
| $\chi_8$ | 3 | 0 | $-1$ | $-1$ | 0 | $-1$ | 3 | $-1$ |

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

| Normalisers $N_i$ | $N_1$ | | | | | | | $N_2$ |
|---|---|---|---|---|---|---|---|---|
| $p$-subgroups of $G$ up to conjugacy in $G$ | $P_1$ | | | | | | | $P_2$ |
| Representatives $a_j \in N_i$ | 1a | 2a | 2b | 2c | 2d | 2e | 1a | |
| $1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$ | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$ | 3 | 3 | $-1$ | $-1$ | $-1$ | $-1$ | 1 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$ | 3 | $-1$ | 3 | $-1$ | $-1$ | $-1$ | 1 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$ | 3 | $-1$ | $-1$ | 3 | $-1$ | $-1$ | 1 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8$ | 3 | $-1$ | $-1$ | $-1$ | 3 | $-1$ | 1 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8$ | 3 | $-1$ | $-1$ | $-1$ | 3 | $-1$ | 1 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1, 2, 7)(3, 9, 32)(4, 22, 18)(5, 11, 37)(6, 27, 20)(8, 19, 12)(10, 21, 17)(13, 26, 48)(14, 41, 43)(15, 39, 45)(16, 47, 33)(23, 36, 42)(24, 46, 28)(25, 44, 30)(29, 40, 35)(31, 38, 34)]) \cong C3$

$N_1 = Group([(1, 2, 7)(3, 9, 32)(4, 22, 18)(5, 11, 37)(6, 27, 20)(8, 19, 12)(10, 21, 17)(13, 26, 48)(14, 41, 43)(15, 39, 45)(16, 47, 33)(23, 36, 42)(24, 46, 28)(25, 44, 30)(29, 40, 35)(31, 38, 34), (1, 3)(2, 8)(4, 12)(5, 13)(6, 14)(7, 18)(9, 22)(10, 23)(11, 24)(15, 28)(16, 29)(17, 30)(19, 32)(20, 33)(21, 34)(25, 38)(26, 39)(27, 40)(31, 42)(35, 43)(36, 44)(37, 45)(41, 47)(46, 48), (1, 4)(2, 9)(3, 12)(5, 15)(6, 16)(7, 19)(8, 22)(10, 25)(11, 26)(13, 28)(14, 29)(17, 31)(18, 32)(20, 35)(21, 36)(23, 38)(24, 39)(27, 41)(30, 42)(33, 43)(34, 44)(37, 46)(40, 47)(45, 48), (1, 5)(2, 10)(3, 13)(4, 15)(6, 17)(7, 20)(8, 23)(9, 25)(11, 27)(12, 28)(14, 30)(16, 31)(18, 33)(19, 35)(21, 37)(22, 38)(24, 40)(26, 41)(29, 42)(32, 43)(34, 45)(36, 46)(39, 47)(44, 48), (1, 6)(2, 11)(3, 14)(4, 16)(5, 17)(7, 21)(8, 24)(9, 26)(10, 27)(12, 29)(13, 30)(15, 31)(18, 34)(19, 36)(20, 37)(22, 39)(23, 40)(25, 41)(28, 42)(32, 44)(33, 45)(35, 46)(38, 47)(43, 48)]) \cong (C2 \times C2 \times C2 \times C2) : C3$
$N_2 = Group([(1, 2, 7)(3, 9, 32)(4, 22, 18)(5, 11, 37)(6, 27, 20)(8, 19, 12)(10, 21, 17)(13, 26, 48)(14, 41, 43)(15, 39, 45)(16, 47, 33)(23, 36, 42)(24, 46, 28)(25, 44, 30)(29, 40, 35)(31, 38, 34)]) \cong C3$