The group $G$ is isomorphic to the group labelled by [ 36, 12 ] in the Small Groups library.

Ordinary character table of $G \cong C6 \times S3$:

| | 1a | 2a | 2b | 3a | 3b | 2c | 6a | 6b | 6c | 3c | 3d | 6d | 6e | 6f | 6g | 3e | 6h | 6i |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $\chi_1$ | 1 | 1 | 1 | 1 | 1 | 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 | -1 | -1 | -1 | 1 | 1 | -1 |
| $\chi_3$ | 1 | -1 | 1 | 1 | 1 | -1 | -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 | 1 | -1 | -1 | 1 | -1 | -1 |
| $\chi_5$ | 1 | -1 | -1 | $E(3)^2$ | 1 | 1 | $-E(3)^2$ | $-E(3)^2$ | -1 | $E(3)$ | $E(3)^2$ | $E(3)^2$ | $-E(3)$ | $-E(3)$ | $-E(3)^2$ | $E(3)$ | $E(3)$ | $-E(3)$ |
| $\chi_6$ | 1 | -1 | -1 | $E(3)$ | 1 | 1 | $-E(3)$ | $-E(3)$ | -1 | $E(3)^2$ | $E(3)$ | $E(3)$ | $-E(3)^2$ | $-E(3)^2$ | $-E(3)$ | $E(3)^2$ | $E(3)^2$ | $-E(3)^2$ |
| $\chi_7$ | 1 | -1 | 1 | $E(3)^2$ | 1 | -1 | $-E(3)^2$ | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ | $-E(3)^2$ | $-E(3)$ | $E(3)$ | $E(3)^2$ | $E(3)$ | $-E(3)$ | $E(3)$ |
| $\chi_8$ | 1 | -1 | 1 | $E(3)$ | 1 | -1 | $-E(3)$ | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ | $E(3)$ | $-E(3)^2$ | $E(3)^2$ | $E(3)^2$ | $E(3)^2$ | $-E(3)^2$ | $E(3)^2$ |
| $\chi_9$ | 1 | 1 | -1 | $E(3)^2$ | 1 | -1 | $E(3)^2$ | $-E(3)^2$ | -1 | $E(3)$ | $E(3)^2$ | $-E(3)^2$ | $E(3)$ | $-E(3)$ | $-E(3)^2$ | $E(3)$ | $-E(3)$ | $-E(3)$ |
| $\chi_{10}$ | 1 | 1 | -1 | $E(3)$ | 1 | -1 | $E(3)$ | $-E(3)$ | -1 | $E(3)^2$ | $E(3)$ | $-E(3)^2$ | $E(3)$ | $-E(3)^2$ | $-E(3)$ | $E(3)^2$ | $-E(3)^2$ | $-E(3)^2$ |
| $\chi_{11}$ | 1 | 1 | 1 | $E(3)^2$ | 1 | 1 | $E(3)^2$ | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ | $E(3)^2$ | $E(3)$ | $E(3)$ | $E(3)^2$ | $E(3)$ | $E(3)$ | $E(3)$ |
| $\chi_{12}$ | 1 | 1 | 1 | $E(3)$ | 1 | 1 | $E(3)$ | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ | $E(3)$ | $E(3)^2$ | $E(3)^2$ | $E(3)^2$ | $E(3)^2$ | $E(3)^2$ | $E(3)^2$ |
| $\chi_{13}$ | 2 | 0 | -2 | 2 | -1 | 0 | 0 | -2 | 1 | 2 | -1 | 0 | 0 | -2 | 1 | -1 | 0 | 1 |
| $\chi_{14}$ | 2 | 0 | 2 | 2 | -1 | 0 | 0 | 2 | -1 | 2 | -1 | 0 | 0 | 2 | -1 | -1 | 0 | -1 |
| $\chi_{15}$ | 2 | 0 | -2 | $2*E(3)^2$ | -1 | 0 | 0 | $-2*E(3)^2$ | 1 | $2*E(3)$ | $-E(3)^2$ | 0 | 0 | $-2*E(3)$ | $E(3)^2$ | $-E(3)$ | 0 | $E(3)$ |
| $\chi_{16}$ | 2 | 0 | -2 | $2*E(3)$ | -1 | 0 | 0 | $-2*E(3)$ | 1 | $2*E(3)^2$ | $-E(3)$ | 0 | 0 | $-2*E(3)^2$ | $E(3)$ | $-E(3)^2$ | 0 | $E(3)^2$ |
| $\chi_{17}$ | 2 | 0 | 2 | $2*E(3)^2$ | -1 | 0 | 0 | $2*E(3)^2$ | -1 | $2*E(3)$ | $-E(3)^2$ | 0 | 0 | $2*E(3)$ | $-E(3)^2$ | $-E(3)$ | 0 | $-E(3)$ |
| $\chi_{18}$ | 2 | 0 | 2 | $2*E(3)$ | -1 | 0 | 0 | $2*E(3)$ | -1 | $2*E(3)^2$ | $-E(3)$ | 0 | 0 | $2*E(3)^2$ | $-E(3)$ | $-E(3)^2$ | 0 | $-E(3)^2$ |

Trivial source character table of $G \cong C6 \times S3$ at $p = 2$:

| Normalisers $N_i$ | $N_1$ | | | | | | $N_2$ | | | | | | $N_3$ | | | $N_4$ | | | $N_5$ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $p$-subgroups of $G$ up to conjugacy in $G$ | $P_1$ | | | | | | $P_2$ | | | | | | $P_3$ | | | $P_4$ | | | $P_5$ | | |
| Representatives $n_j \in N_i$ | 1a | 3a | 3b | 3c | 3d | 3e | 1a | 3a | 3b | 3c | 3d | 3e | 1a | 3a | 3b | 1a | 3a | 3b | 1a | 3a | 3b |
| $1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 4 | $4*E(3)^2$ | 4 | $4*E(3)^2$ | $4*E(3)$ | $4*E(3)$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 4 | $4*E(3)$ | 4 | $4*E(3)^2$ | $4*E(3)$ | $4*E(3)^2$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 4 | 4 | -2 | 4 | -2 | -2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+1\cdot\chi_{17}+0\cdot\chi_{18}$ | 4 | $4*E(3)^2$ | -2 | $4*E(3)$ | $-2*E(3)^2$ | $-2*E(3)$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+1\cdot\chi_{18}$ | 4 | $4*E(3)$ | -2 | $4*E(3)^2$ | $-2*E(3)$ | $-2*E(3)^2$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+\cdots+0\cdot\chi_{18}$ | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+\cdots+1\cdot\chi_5+\cdots+1\cdot\chi_{11}+\cdots+0\cdot\chi_{18}$ | 2 | $2*E(3)^2$ | 2 | $2*E(3)$ | $2*E(3)^2$ | $2*E(3)$ | 2 | $2*E(3)^2$ | 2 | $2*E(3)$ | $2*E(3)^2$ | $2*E(3)$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+\cdots+1\cdot\chi_6+\cdots+1\cdot\chi_{12}+\cdots+0\cdot\chi_{18}$ | 2 | $2*E(3)$ | 2 | $2*E(3)^2$ | $2*E(3)$ | $2*E(3)^2$ | 2 | $2*E(3)$ | 2 | $2*E(3)^2$ | $2*E(3)$ | $2*E(3)^2$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+\cdots+1\cdot\chi_{13}+\cdots+0\cdot\chi_{18}$ | 2 | 2 | -1 | 2 | -1 | -1 | 2 | 2 | -1 | 2 | -1 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+\cdots+1\cdot\chi_{15}+\cdots+0\cdot\chi_{18}$ | 2 | $2*E(3)^2$ | -1 | $2*E(3)$ | $-E(3)^2$ | $-E(3)$ | 2 | $2*E(3)^2$ | -1 | $2*E(3)$ | $-E(3)^2$ | $-E(3)$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+\cdots+1\cdot\chi_{16}+\cdots+0\cdot\chi_{18}$ | 2 | $2*E(3)$ | -1 | $2*E(3)^2$ | $-E(3)$ | $-E(3)^2$ | 2 | $2*E(3)$ | -1 | $2*E(3)^2$ | $-E(3)$ | $-E(3)^2$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+\cdots+0\cdot\chi_{18}$ | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+\cdots+1\cdot\chi_6+\cdots+1\cdot\chi_8+\cdots+0\cdot\chi_{18}$ | 2 | $2*E(3)$ | 2 | $2*E(3)^2$ | $2*E(3)$ | $2*E(3)^2$ | 0 | 0 | 0 | 0 | 0 | 0 | 2 | $2*E(3)$ | $2*E(3)^2$ | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+\cdots+1\cdot\chi_5+\cdots+1\cdot\chi_7+\cdots+0\cdot\chi_{18}$ | 2 | $2*E(3)^2$ | 2 | $2*E(3)$ | $2*E(3)^2$ | $2*E(3)$ | 0 | 0 | 0 | 0 | 0 | 0 | 2 | $2*E(3)^2$ | $2*E(3)$ | 0 | 0 | 0 | 0 | 0 | 0 |
| $1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+\cdots+0\cdot\chi_{18}$ | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 |
| $0\cdot\chi_1+\cdots+1\cdot\chi_6+\cdots+1\cdot\chi_{10}+\cdots+0\cdot\chi_{18}$ | 2 | $2*E(3)$ | 2 | $2*E(3)^2$ | $2*E(3)$ | $2*E(3)^2$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | $2*E(3)$ | $2*E(3)^2$ | 0 | 0 | 0 |
| $0\cdot\chi_1+\cdots+1\cdot\chi_5+\cdots+1\cdot\chi_9+\cdots+0\cdot\chi_{18}$ | 2 | $2*E(3)^2$ | 2 | $2*E(3)$ | $2*E(3)^2$ | $2*E(3)$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | $2*E(3)^2$ | $2*E(3)$ | 0 | 0 | 0 |
| $1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+\cdots+0\cdot\chi_{18}$ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| $0\cdot\chi_1+\cdots+1\cdot\chi_{12}+\cdots+0\cdot\chi_{18}$ | 1 | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ | $E(3)^2$ | 1 | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ |
| $0\cdot\chi_1+\cdots+1\cdot\chi_{11}+\cdots+0\cdot\chi_{18}$ | 1 | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ | $E(3)$ | 1 | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ |

$P_1 = Group([()]) \cong 1$

$P_2 = Group([(1,3)(2,6)(4,9)(5,10)(7,14)(8,15)(11,19)(12,20)(13,21)(16,24)(17,25)(18,26)(22,29)(23,30)(27,32)(28,33)(31,35)(34,36)]) \cong C2$

$P_3 = Group([(1,2)(3,6)(4,7)(5,18)(8,13)(9,14)(10,26)(11,16)(12,28)(15,21)(17,23)(19,24)(20,33)(22,34)(25,30)(27,31)(29,36)(32,35)]) \cong C2$

$P_4 = Group([(1,6)(2,3)(4,14)(5,26)(7,9)(8,21)(10,18)(11,24)(12,33)(13,15)(16,19)(17,30)(20,28)(22,36)(23,25)(27,35)(29,34)(31,32)]) \cong C2$

$P_5 = Group([(1,3)(2,6)(4,7)(5,18)(8,13)(9,14)(10,26)(11,16)(12,28)(15,21)(17,23)(19,24)(20,33)(22,34)(25,30)(27,31)(29,36)(32,35)]) \cong C2 \times C2$

$N_1 \cong Group([(1,2)(3,6)(4,7)(5,18)(8,13)(9,14)(10,26)(11,16)(12,28)(15,21)(17,23)(19,24)(20,33)(22,34)(25,30)(27,31)(29,36)(32,35), (1,3)(2,6)(4,9)(5,10)(7,14)(8,15)(11,19)(12,20)(13,21)(16,24)(17,25)(18,26)(22,29)(23,30)(27,32)(28,33)(31,35)(34,36), (1,4,11)(2,7,16)(3,9,19)(5,12,22)(6,14,24)(8,17,27)(10,20,29)(13,23,31)(15,25,32)(18,28,34)(21,30,35)(26,33,36), (1,5,13)(2,18,3)(8,10,21)(4,12,23)(6,15,26)(7,17,28)(9,20,30)(11,22,31)(14,25,33)(16,27,34)(19,29,35)(24,32,36)]) \cong C6 \times S3$

$N_2 \cong Group([(1,2)(3,6)(4,7)(5,18)(8,13)(9,14)(10,26)(11,16)(12,28)(15,21)(17,23)(19,24)(20,33)(22,34)(25,30)(27,31)(29,36)(32,35), (1,3)(2,6)(4,9)(5,10)(7,14)(8,15)(11,19)(12,20)(13,21)(16,24)(17,25)(18,26)(22,29)(23,30)(27,32)(28,33)(31,35)(34,36), (1,4,11)(2,7,16)(3,9,19)(5,12,22)(6,14,24)(8,17,27)(10,20,29)(13,23,31)(15,25,32)(18,28,34)(21,30,35)(26,33,36), (1,5,13)(2,18,3)(8,10,21)(4,12,23)(6,15,26)(7,17,28)(9,20,30)(11,22,31)(14,25,33)(16,27,34)(19,29,35)(24,32,36)]) \cong C6 \times S3$

$N_3 \cong Group([(1,6)(2,3)(4,14)(5,26)(7,9)(8,21)(10,18)(11,24)(12,33)(13,15)(16,19)(17,30)(20,28)(22,36)(23,25)(27,35)(29,34)(31,32), (1,2)(3,6)(4,7)(5,18)(8,13)(9,14)(10,26)(11,16)(12,28)(15,21)(17,23)(19,24)(20,33)(22,34)(25,30)(27,31)(29,36)(32,35), (1,4,11)(2,7,16)(3,9,19)(5,12,22)(6,14,24)(8,17,27)(10,20,29)(13,23,31)(15,25,32)(18,28,34)(21,30,35)(26,33,36)]) \cong C6 \times C2$

$N_4 \cong Group([(1,6)(2,3)(4,14)(5,26)(7,9)(8,21)(10,18)(11,24)(12,33)(13,15)(16,19)(17,30)(20,28)(22,36)(23,25)(27,35)(29,34)(31,32), (1,2)(3,6)(4,7)(5,18)(8,13)(9,14)(10,26)(11,16)(12,28)(15,21)(17,23)(19,24)(20,33)(22,34)(25,30)(27,31)(29,36)(32,35), (1,4,11)(2,7,16)(3,9,19)(5,12,22)(6,14,24)(8,17,27)(10,20,29)(13,23,31)(15,25,32)(18,28,34)(21,30,35)(26,33,36)]) \cong C6 \times C2$

$N_5 \cong Group([(1,2)(3,6)(4,7)(5,18)(8,13)(9,14)(10,26)(11,16)(12,28)(15,21)(17,23)(19,24)(20,33)(22,34)(25,30)(27,31)(29,36)(32,35), (1,3)(2,6)(4,9)(5,10)(7,14)(8,15)(11,19)(12,20)(13,21)(16,24)(17,25)(18,26)(22,29)(23,30)(27,32)(28,33)(31,35)(34,36), (1,4,11)(2,7,16)(3,9,19)(5,12,22)(6,14,24)(8,17,27)(10,20,29)(13,23,31)(15,25,32)(18,28,34)(21,30,35)(26,33,36)]) \cong C6 \times C2$