

The group G is isomorphic to the group labelled by [36, 10] in the Small Groups library.
 Ordinary character table of $G \cong \text{S3} \times \text{S3}$:

	1a	3a	3b	3c	2a	6a	2b	6b	2c
χ_1	1	1	1	1	1	1	1	1	1
χ_2	1	1	1	1	-1	-1	1	1	-1
χ_3	1	1	1	1	1	1	-1	-1	-1
χ_4	1	1	1	1	-1	-1	-1	-1	1
χ_5	2	-1	2	-1	0	0	2	-1	0
χ_6	2	-1	2	-1	0	0	-2	1	0
χ_7	2	2	-1	-1	2	-1	0	0	0
χ_8	2	2	-1	-1	-2	1	0	0	0
χ_9	4	-2	-2	1	0	0	0	0	0

Trivial source character table of $G \cong \text{S3} \times \text{S3}$ 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	1a	3a	1a	3a	1a	1a
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	4	4	4	4	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	4	-2	4	-2	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9$	4	4	-2	-2	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9$	4	-2	-2	1	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	2	2	2	2	2	2	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	2	2	-1	-1	2	-1	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	2	2	2	2	0	0	2	2	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	2	-1	2	-1	0	0	2	-1	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	2	2	2	2	0	0	0	0	2	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	1	1	1	1	1	1	1	1	1	1

$$P_1 = \text{Group}([()]) \cong 1$$

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

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

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

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

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

$$N_2 = \text{Group}([(1, 3)(2, 6)(4, 19)(5, 10)(7, 24)(8, 15)(9, 11)(12, 29)(13, 21)(14, 16)(17, 32)(18, 26)(20, 22)(23, 35)(25, 27)(28, 36)(30, 31)(33, 34), (1, 2)(3, 6)(4, 7)(5, 18)(8, 13)(9, 14)(10, 26)(11, 16)(12, 28)(15, 21)(17, 23)(19, 24)(20, 33)(22, 34)(25, 30)(27, 31)(29, 36)(32, 35), (1, 13, 5)(2, 18, 8)(3, 21, 10)(4, 23, 12)(6, 26, 15)(7, 28, 17)(9, 30, 20)(11, 31, 22)(14, 33, 25)(16, 34, 27)(19, 35, 29)(24, 36, 32)]) \cong \text{D12}$$

$$N_3 = \text{Group}([(1, 2)(3, 6)(4, 7)(5, 18)(8, 13)(9, 14)(10, 26)(11, 16)(12, 28)(15, 21)(17, 23)(19, 24)(20, 33)(22, 34)(25, 30)(27, 31)(29, 36)(32, 35), (1, 3)(2, 6)(4, 19)(5, 10)(7, 24)(8, 15)(9, 11)(12, 29)(13, 21)(14, 16)(17, 32)(18, 26)(20, 22)(23, 35)(25, 27)(28, 36)(30, 31)(33, 34), (1, 11, 4)(2, 16, 7)(3, 19, 9)(5, 22, 12)(6, 24, 14)(8, 27, 17)(10, 29, 20)(13, 31, 23)(15, 32, 25)(18, 34, 28)(21, 35, 30)(26, 36, 33)]) \cong \text{D12}$$

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

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