

The group G is isomorphic to the group labelled by [18, 4] in the Small Groups library.

Ordinary character table of $G \cong (C3 \times C3) : C2$:

	1a	3a	3b	3c	3d	2a
χ_1	1	1	1	1	1	1
χ_2	1	1	1	1	1	-1
χ_3	2	2	-1	-1	-1	0
χ_4	2	-1	2	-1	-1	0
χ_5	2	-1	-1	2	-1	0
χ_6	2	-1	-1	-1	2	0

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

Normalisers N_i	N_1		N_2		N_3		N_4		N_5		N_6	
p -subgroups of G up to conjugacy in G	P_1		P_2		P_3		P_4		P_5		P_6	
Representatives $n_j \in N_i$	1a	2a	1a	2a	1a	2a	1a	2a	1a	2a	1a	2a
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6$	9	1	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6$	9	-1	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6$	3	1	3	1	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6$	3	-1	3	-1	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6$	3	1	0	0	3	1	0	0	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6$	3	-1	0	0	3	-1	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6$	3	1	0	0	0	0	3	1	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6$	3	-1	0	0	0	0	3	-1	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6$	3	1	0	0	0	0	0	0	3	1	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6$	3	-1	0	0	0	0	0	0	3	-1	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6$	1	1	1	1	1	1	1	1	1	1	1	1
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6$	1	-1	1	-1	1	-1	1	-1	1	-1	1	-1

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

$$P_2 = \text{Group}([(1, 9, 4)(2, 12, 6)(3, 14, 8)(5, 16, 11)(7, 17, 13)(10, 18, 15)]) \cong C3$$

$$P_3 = \text{Group}([(1, 7, 3)(2, 10, 5)(4, 13, 8)(6, 15, 11)(9, 17, 14)(12, 18, 16)]) \cong C3$$

$$P_4 = \text{Group}([(1, 17, 8)(2, 18, 11)(3, 9, 13)(4, 7, 14)(5, 12, 15)(6, 10, 16)]) \cong C3$$

$$P_5 = \text{Group}([(1, 14, 13)(2, 16, 15)(3, 17, 4)(5, 18, 6)(7, 9, 8)(10, 12, 11)]) \cong C3$$

$$P_6 = \text{Group}([(1, 9, 4)(2, 12, 6)(3, 14, 8)(5, 16, 11)(7, 17, 13)(10, 18, 15), (1, 7, 3)(2, 10, 5)(4, 13, 8)(6, 15, 11)(9, 17, 14)(12, 18, 16)]) \cong C3 \times C3$$

$$N_1 = \text{Group}([(1, 2)(3, 10)(4, 12)(5, 7)(6, 9)(8, 18)(11, 17)(13, 16)(14, 15), (1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 15)(9, 14, 17)(12, 16, 18), (1, 4, 9)(2, 6, 12)(3, 8, 14)(5, 11, 16)(7, 13, 17)(10, 15, 18)]) \cong (C3 \times C3) : C2$$

$$N_2 = \text{Group}([(1, 9, 4)(2, 12, 6)(3, 14, 8)(5, 16, 11)(7, 17, 13)(10, 18, 15), (1, 2)(3, 10)(4, 12)(5, 7)(6, 9)(8, 18)(11, 17)(13, 16)(14, 15), (1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 15)(9, 14, 17)(12, 16, 18)]) \cong (C3 \times C3) : C2$$

$$N_3 = \text{Group}([(1, 7, 3)(2, 10, 5)(4, 13, 8)(6, 15, 11)(9, 17, 14)(12, 18, 16), (1, 2)(3, 10)(4, 12)(5, 7)(6, 9)(8, 18)(11, 17)(13, 16)(14, 15), (1, 4, 9)(2, 6, 12)(3, 8, 14)(5, 11, 16)(7, 13, 17)(10, 15, 18)]) \cong (C3 \times C3) : C2$$

$$N_4 = \text{Group}([(1, 17, 8)(2, 18, 11)(3, 9, 13)(4, 7, 14)(5, 12, 15)(6, 10, 16), (1, 2)(3, 10)(4, 12)(5, 7)(6, 9)(8, 18)(11, 17)(13, 16)(14, 15), (1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 15)(9, 14, 17)(12, 16, 18)]) \cong (C3 \times C3) : C2$$

$$N_5 = \text{Group}([(1, 14, 13)(2, 16, 15)(3, 17, 4)(5, 18, 6)(7, 9, 8)(10, 12, 11), (1, 2)(3, 10)(4, 12)(5, 7)(6, 9)(8, 18)(11, 17)(13, 16)(14, 15), (1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 15)(9, 14, 17)(12, 16, 18)]) \cong (C3 \times C3) : C2$$

$$N_6 = \text{Group}([(1, 7, 3)(2, 10, 5)(4, 13, 8)(6, 15, 11)(9, 17, 14)(12, 18, 16), (1, 9, 4)(2, 12, 6)(3, 14, 8)(5, 16, 11)(7, 17, 13)(10, 18, 15), (1, 2)(3, 10)(4, 12)(5, 7)(6, 9)(8, 18)(11, 17)(13, 16)(14, 15)]) \cong (C3 \times C3) : C2$$