

The group  $G$  is isomorphic to the group labelled by [ 72, 35 ] in the Small Groups library.

Ordinary character table of  $G \cong (\text{C6} \times \text{C6}) : \text{C2}$ :

	1a	2a	2b	3a	6a	6b	6c	2c	4a	3b	6d	6e	6f	3c	6g	6h	6i	3d	6j	6k	6l
$\chi_1$	1	1	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	-1	1	-1
$\chi_3$	1	-1	1	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	1	1	1
$\chi_5$	2	-2	2	2	-2	2	-2	0	0	-1	1	-1	1	-1	1	-1	1	-1	1	-1	1
$\chi_6$	2	2	2	2	2	2	2	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
$\chi_7$	2	0	-2	2	0	-2	0	0	0	2	0	-2	0	2	0	-2	0	2	0	-2	0
$\chi_8$	2	-2	2	-1	1	-1	1	0	0	2	-2	2	-2	-1	1	-1	1	-1	1	-1	1
$\chi_9$	2	2	2	-1	-1	-1	-1	0	0	2	2	2	2	-1	-1	-1	-1	-1	-1	-1	-1
$\chi_{10}$	2	-2	2	-1	1	-1	1	0	0	-1	1	-1	1	-1	1	-1	1	2	-2	2	-2
$\chi_{11}$	2	-2	2	-1	1	-1	1	0	0	-1	1	-1	1	2	-2	2	-2	-1	1	-1	1
$\chi_{12}$	2	2	2	-1	-1	-1	-1	0	0	-1	-1	-1	-1	-1	-1	-1	-1	2	2	2	2
$\chi_{13}$	2	2	2	-1	-1	-1	-1	0	0	-1	-1	-1	-1	2	2	2	2	-1	-1	-1	-1
$\chi_{14}$	2	0	-2	-1	$-E(3) + E(3)^2$	1	$E(3) - E(3)^2$	0	0	2	0	-2	0	-1	$-E(3) + E(3)^2$	1	$E(3) - E(3)^2$	-1	$E(3) - E(3)^2$	1	$-E(3) + E(3)^2$
$\chi_{15}$	2	0	-2	-1	$E(3) - E(3)^2$	1	$-E(3) + E(3)^2$	0	0	2	0	-2	0	-1	$E(3) - E(3)^2$	1	$-E(3) + E(3)^2$	-1	$-E(3) + E(3)^2$	1	$E(3) - E(3)^2$
$\chi_{16}$	2	0	-2	2	0	-2	0	0	0	-1	$-E(3) + E(3)^2$	1	$E(3) - E(3)^2$	-1	$-E(3) + E(3)^2$	1	$E(3) - E(3)^2$	-1	$-E(3) + E(3)^2$	1	$E(3) - E(3)^2$
$\chi_{17}$	2	0	-2	2	0	-2	0	0	0	-1	$E(3) - E(3)^2$	1	$-E(3) + E(3)^2$	-1	$E(3) - E(3)^2$	1	$-E(3) + E(3)^2$	-1	$E(3) - E(3)^2$	1	$-E(3) + E(3)^2$
$\chi_{18}$	2	0	-2	-1	$-E(3) + E(3)^2$	1	$E(3) - E(3)^2$	0	0	-1	$-E(3) + E(3)^2$	1	$E(3) - E(3)^2$	-1	$E(3) - E(3)^2$	1	$-E(3) + E(3)^2$	2	0	-2	0
$\chi_{19}$	2	0	-2	-1	$E(3) - E(3)^2$	1	$-E(3) + E(3)^2$	0	0	-1	$E(3) - E(3)^2$	1	$-E(3) + E(3)^2$	-1	$-E(3) + E(3)^2$	1	$E(3) - E(3)^2$	2	0	-2	0
$\chi_{20}$	2	0	-2	-1	$-E(3) + E(3)^2$	1	$E(3) - E(3)^2$	0	0	-1	$E(3) - E(3)^2$	1	$-E(3) + E(3)^2$	2	0	-2	0	-1	$-E(3) + E(3)^2$	1	$E(3) - E(3)^2$
$\chi_{21}$	2	0	-2	-1	$E(3) - E(3)^2$	1	$-E(3) + E(3)^2$	0	0	-1	$-E(3) + E(3)^2$	1	$E(3) - E(3)^2$	2	0	-2	0	-1	$E(3) - E(3)^2$	1	$-E(3) + E(3)^2$

Trivial source character table of  $G \cong (\text{C6} \times \text{C6}) : \text{C2}$  at  $p = 2$ :

[illegible]
$$P_1 = Group([()]) \cong 1$$
$$P_2 = Group([(7, 9)(8, 10)]) \cong C2$$
$$P_3 = Group([(7, 8)(9, 10)]) \cong C2$$
$$P_4 = Group([(2, 3)(5, 6)(8, 10)]) \cong C2$$
$$P_5 = Group([(7, 9)(8, 10), (7, 8)(9, 10)]) \cong C_2 \times C_2$$
$$P_6 = Group([(7, 9)(8, 10), (2, 3)(5, 6)(8, 10)]) \cong C2 \times C2$$
$$P_7 = \text{Group}([(7, 9)(8, 10), (2, 3)(5, 6)(7, 10, 9, 8)]) \cong C_4$$
$$P_8 = \text{Group}([(7, 9)(8, 10), (7, 8)(9, 10), (2, 3)(5, 6)(8, 10)]) \cong \text{D8}$$
$$N_1 = Group([(2, 3)(5, 6)(8, 10), (7, 8)(9, 10), (7, 9)(8, 10), (1, 3, 2), (1, 2, 3)(4, 5, 6)]) \cong (C6 \times C6) : C2$$
$$N_2 = Group([(2, 3)(5, 6)(8, 10), (7, 8)(9, 10), (7, 9)(8, 10), (1, 3, 2), (1, 2, 3)(4, 5, 6)]) \cong (C6 \times C6) : C2$$
$$N_3 = Group([(7, 8)(9, 10), (7, 9)(8, 10), (7, 10)(8, 9), (4, 6, 5), (1, 2, 3)]) \cong C6 \times C6$$
$$N_4 = Group([(2,3)(5,6)(8,10), (7,9)(8,10)]) \cong C2 \times C2$$
$$N_5 = Group([(2, 3)(5, 6)(8, 10), (7, 8)(9, 10), (7, 9)(8, 10), (1, 3, 2), (1, 2, 3)(4, 5, 6)]) \cong (C6 \times C6) : C2$$
$$N_6 = \text{Group}([(2, 3)(5, 6)(8, 10), (7, 8)(9, 10), (7, 10)(8, 9)]) \cong D_8$$
$$N_7 = \text{Group}([(2, 3)(5, 6)(8, 10), (7, 8)(9, 10), (7, 10)(8, 9)]) \cong D_8$$
$$N_8 = \text{Group}([(2, 3)(5, 6)(8, 10), (7, 8)(9, 10), (7, 10)(8, 9)]) \cong D_8$$