

The group G is isomorphic to the group labelled by [48, 19] in the Small Groups library.
 Ordinary character table of $G \cong (C6 \times C2) : C4$:

	1a	4a	2a	2b	2c	3a	4b	4c	2d	6a	2e	6b	6c	4d	6d	6e	6f	6g
χ_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
χ_2	1	-1	-1	1	1	1	1	-1	-1	-1	1	1	1	1	-1	-1	1	-1
χ_3	1	-1	1	1	1	1	-1	-1	1	1	1	1	-1	1	1	1	1	1
χ_4	1	1	-1	1	1	1	-1	1	-1	-1	1	1	1	-1	-1	-1	1	-1
χ_5	1	$-E(4)$	-1	-1	1	1	$E(4)$	$E(4)$	1	-1	-1	-1	1	$-E(4)$	1	-1	-1	1
χ_6	1	$E(4)$	-1	-1	1	1	$-E(4)$	$-E(4)$	1	-1	-1	-1	1	$E(4)$	1	-1	-1	1
χ_7	1	$-E(4)$	1	-1	1	1	$-E(4)$	$E(4)$	-1	1	-1	-1	1	$E(4)$	-1	1	-1	-1
χ_8	1	$E(4)$	1	-1	1	1	$E(4)$	$-E(4)$	-1	1	-1	-1	1	$-E(4)$	-1	1	-1	-1
χ_9	2	0	-2	-2	2	-1	0	0	2	1	-2	1	-1	0	-1	1	1	-1
χ_{10}	2	0	-2	2	2	-1	0	0	-2	1	2	-1	-1	0	1	1	-1	1
χ_{11}	2	0	2	-2	2	-1	0	0	-2	-1	-2	1	-1	0	1	-1	1	1
χ_{12}	2	0	2	2	2	-1	0	0	2	-1	2	-1	-1	0	-1	-1	-1	-1
χ_{13}	2	0	0	2	-2	2	0	0	0	0	-2	2	-2	0	0	0	-2	0
χ_{14}	2	0	0	-2	-2	2	0	0	0	0	2	-2	2	0	0	2	2	0
χ_{15}	2	0	0	-2	-2	-1	0	0	0	$-E(3) + E(3)^2$	2	1	1	0	$E(3) - E(3)^2$	$E(3) - E(3)^2$	-1	$-E(3) + E(3)^2$
χ_{16}	2	0	0	-2	-2	-1	0	0	0	$E(3) - E(3)^2$	2	1	1	0	$-E(3) + E(3)^2$	$-E(3) + E(3)^2$	-1	$E(3) - E(3)^2$
χ_{17}	2	0	0	2	-2	-1	0	0	0	$-E(3) + E(3)^2$	-2	-1	1	0	$-E(3) + E(3)^2$	$E(3) - E(3)^2$	1	$E(3) - E(3)^2$
χ_{18}	2	0	0	2	-2	-1	0	0	0	$E(3) - E(3)^2$	-2	-1	1	0	$E(3) - E(3)^2$	$-E(3) + E(3)^2$	1	$-E(3) + E(3)^2$

Trivial source character table of $G \cong (C6 \times C2) : C4$ at $p = 3$:

Normalisers N_i	N_1										N_2										
	P_1										P_2										
p -subgroups of G up to conjugacy in G	1a	4a	2a	2b	2c	4b	4c	2d	2e	4d	1a	2a	4a	2b	4b	2d	2e	4c	4d	2c	
Representatives $n_j \in N_i$																					
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	3	1	3	3	3	1	1	3	3	1	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	3	-1	3	3	3	-1	-1	3	3	-1	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	3	-1	-3	3	3	1	-1	-3	3	1	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	3	1	-3	3	3	-1	1	-3	3	-1	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	3	$E(4)$	-3	-3	3	$-E(4)$	$-E(4)$	3	-3	$E(4)$	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	3	$-E(4)$	-3	-3	3	$E(4)$	$E(4)$	3	-3	$-E(4)$	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	3	$E(4)$	3	-3	3	$E(4)$	$-E(4)$	-3	-3	$-E(4)$	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	3	$-E(4)$	3	-3	3	$E(4)$	$E(4)$	-3	-3	$E(4)$	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 1 \cdot \chi_{18}$	6	0	0	6	-6	0	0	0	-6	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	6	0	0	-6	-6	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	1	-1	-1	1	1	1	-1	-1	1	1	1	-1	-1	1	1	-1	1	-1	1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	1	-1	1	1	1	-1	-1	1	1	-1	1	1	-1	1	-1	1	1	-1	-1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	1	1	-1	1	1	-1	1	-1	1	-1	1	-1	1	1	-1	-1	1	1	-1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	1	$E(4)$	-1	-1	1	$-E(4)$	$-E(4)$	1	-1	$E(4)$	1	-1	$E(4)$	-1	$-E(4)$	1	-1	$-E(4)$	$E(4)$	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	1	$-E(4)$	-1	-1	1	$E(4)$	$E(4)$	1	-1	$-E(4)$	1	-1	$-E(4)$	-1	$E(4)$	1	-1	$E(4)$	$-E(4)$	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	1	$E(4)$	1	-1	1	$E(4)$	$-E(4)$	-1	-1	$-E(4)$	1	1	$E(4)$	-1	$E(4)$	-1	-1	$-E(4)$	$-E(4)$	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	1	$-E(4)$	1	-1	1	$-E(4)$	$E(4)$	-1	-1	$E(4)$	1	1	$-E(4)$	-1	$-E(4)$	-1	-1	$E(4)$	$E(4)$	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	2	0	0	2	-2	0	0	0	-2	0	2	0	0	2	0	0	-2	0	0	0	-2
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	2	0	0	-2	-2	0	0	0	2	0	2	0	0	-2	0	0	2	0	0	0	-2

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

$N_1 = \text{Group}(\{(1, 2, 4, 8)(3, 19, 11, 32)(5, 9, 14, 21)(6, 24, 15, 37)(7, 25, 18, 12)(10, 30, 22, 17)(13, 45, 26, 48)(16, 38, 29, 46)(20, 47, 33, 41)(23, 42, 36, 31)(27, 35, 39, 44)(28, 34, 40, 43), (1, 3)(2, 7)(4, 11)(5, 12)(6, 13)(8, 18)(9, 19)(10, 20)(14, 25)(15, 26)(16, 27)(17, 28)(21, 32)(22, 33)(23, 34)(24, 35)(29, 39)(30, 40)(31, 41)(36, 43)(37, 44)(38, 45)(42, 47)(46, 48), (1, 4)(2, 8)(3, 11)(5, 14)(6, 15)(7, 18)(9, 21)(10, 22)(12, 25)(13, 26)(16, 29)(17, 30)(19, 32)(20, 33)(23, 36)(24, 37)(27, 39)(28, 40)(31, 42)(34, 43)(35, 44)(38, 46)(41, 47)(45, 48), (1, 5)(2, 9)(3, 12)(4, 14)(6, 16)(7, 19)(8, 21)(10, 23)(11, 25)(13, 27)(15, 29)(17, 31)(18, 32)(20, 34)(22, 36)(24, 38)(26, 39)(28, 41)(30, 42)(33, 43)(35, 45)(37, 46)(40, 47)(44, 48), (1, 6, 17)(2, 10, 24)(3, 13, 28)(4, 15, 30)(5, 16, 31)(7, 20, 35)(8, 22, 37)(9, 23, 38)(11, 26, 40)(12, 27, 41)(14, 29, 42)(18, 33, 44)(19, 34, 45)(21, 36, 46)(25, 39, 47)(32, 43, 48)\}) \cong (C6 \times C2) : C4$
 $N_2 = \text{Group}(\{(1, 17, 6)(2, 24, 10)(3, 28, 13)(4, 30, 15)(5, 31, 16)(7, 35, 20)(8, 37, 22)(9, 38, 23)(11, 40, 26)(12, 41, 27)(14, 42, 29)(18, 44, 33)(19, 45, 34)(21, 46, 36)(25, 47, 39)(32, 48, 43), (1, 2, 4, 8)(3, 19, 11, 32)(5, 9, 14, 21)(6, 24, 15, 37)(7, 25, 18, 12)(10, 30, 22, 17)(13, 45, 26, 48)(16, 38, 29, 46)(20, 47, 33, 41)(23, 42, 36, 31)(27, 35, 39, 44)(28, 34, 40, 43), (1, 3)(2, 7)(4, 11)(5, 12)(6, 13)(8, 18)(9, 19)(10, 20)(14, 25)(15, 26)(16, 27)(17, 28)(21, 32)(22, 33)(23, 34)(24, 35)(29, 39)(30, 40)(31, 41)(36, 43)(37, 44)(38, 45)(42, 47)(46, 48)\}) \cong (C6 \times C2) : C4$