The group G is isomorphic to the group labelled by $[\,42, 2\,]$ in the Small Groups library.

Ordinary character table of $G \cong C2 \times (C7 : C3)$:

	$1a$	$2a$	$7a$	$14a$	$7b$	$14b$	$3a$	$6a$	$3b$	$6b$
χ_1	1	1	1	1	1	1	1	1	1	1
χ_2	1	1	1	1	1	1	$E(3)$	$E(3)$	$E(3)^2$	$E(3)^2$
χ_3	1	1	1	1	1	1	$E(3)^2$	$E(3)^2$	$E(3)$	$E(3)$
χ_4	3	3	$E(7)+E(7)^2+E(7)^4$	$E(7)+E(7)^2+E(7)^4$	$E(7)^3+E(7)^5+E(7)^6$	$E(7)^3+E(7)^5+E(7)^6$	0	0	0	0
χ_5	3	3	$E(7)^3+E(7)^5+E(7)^6$	$E(7)^3+E(7)^5+E(7)^6$	$E(7)+E(7)^2+E(7)^4$	$E(7)+E(7)^2+E(7)^4$	0	0	0	0
χ_6	1	-1	1	-1	1	-1	1	-1	1	-1
χ_7	1	-1	1	-1	1	-1	$E(3)$	$-E(3)$	$E(3)^2$	$-E(3)^2$
χ_8	1	-1	1	-1	1	-1	$E(3)^2$	$-E(3)^2$	$E(3)$	$-E(3)$
χ_9	3	-3	$E(7)+E(7)^2+E(7)^4$	$-E(7)-E(7)^2-E(7)^4$	$E(7)^3+E(7)^5+E(7)^6$	$-E(7)^3-E(7)^5-E(7)^6$	0	0	0	0
χ_{10}	3	-3	$E(7)^3+E(7)^5+E(7)^6$	$-E(7)^3-E(7)^5-E(7)^6$	$E(7)+E(7)^2+E(7)^4$	$-E(7)-E(7)^2-E(7)^4$	0	0	0	0

Trivial source character table of $G \cong C2 \times (C7 : C3)$ at $p = 3$:

Normalisers N_i							N_2	
p-subgroups of G up to conjugacy in G			P_1				P_2	
Representatives $n_j \in N_i$	$1a$	$2a$	$7a$	$14a$	$7b$	$14b$	$1a$	$2a$
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10}$	3	3	3	3	3	3	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10}$	3	-3	3	-3	3	-3	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10}$	3	3	$E(7)+E(7)^2+E(7)^4$	$E(7)+E(7)^2+E(7)^4$	$E(7)^3+E(7)^5+E(7)^6$	$E(7)^3+E(7)^5+E(7)^6$	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10}$	3	3	$E(7)^3+E(7)^5+E(7)^6$	$E(7)^3+E(7)^5+E(7)^6$	$E(7)+E(7)^2+E(7)^4$	$E(7)+E(7)^2+E(7)^4$	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10}$	3	-3	$E(7)+E(7)^2+E(7)^4$	$-E(7)-E(7)^2-E(7)^4$	$E(7)^3+E(7)^5+E(7)^6$	$-E(7)^3-E(7)^5-E(7)^6$	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10}$	3	-3	$E(7)^3+E(7)^5+E(7)^6$	$-E(7)^3-E(7)^5-E(7)^6$	$E(7)+E(7)^2+E(7)^4$	$-E(7)-E(7)^2-E(7)^4$	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10}$	1	1	1	1	1	1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10}$	1	-1	1	-1	1	-1	1	-1

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

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

$N_1 = Group([(1, 2)(3, 5)(4, 6)(7, 10)(8, 11)(9, 12)(13, 16)(14, 17)(15, 18)(19, 22)(20, 23)(21, 24)(25, 28)(26, 29)(27, 30)(31, 34)(32, 35)(33, 36)(37, 39)(38, 40)(41, 42), (1, 3, 7)(2, 5, 10)(4, 14, 31)(6, 17, 34)(8, 19, 21)(9, 26, 13)(11, 22, 24)(12, 29, 16)(15, 38, 37)(18, 40, 39)(20, 41, 27)(23, 42, 30)(25, 33, 32)(28, 36, 35), (1, 4, 9, 15, 21, 27, 33)(2, 6, 12, 18, 24, 30, 36)(3, 8, 14, 20, 26, 32, 38)(5, 11, 17, 23, 29, 35, 40)(7, 13, 19, 25, 31, 37, 41)(10, 16, 22, 28, 34, 39, 42)]) \cong C2 \times (C7 : C3)$

$N_2 = Group([(1, 3, 7)(2, 5, 10)(4, 14, 31)(6, 17, 34)(8, 19, 21)(9, 26, 13)(11, 22, 24)(12, 29, 16)(15, 38, 37)(18, 40, 39)(20, 41, 27)(23, 42, 30)(25, 33, 32)(28, 36, 35), (1, 2)(3, 5)(4, 6)(7, 10)(8, 11)(9, 12)(13, 16)(14, 17)(15, 18)(19, 22)(20, 23)(21, 24)(25, 28)(26, 29)(27, 30)(31, 34)(32, 35)(33, 36)(37, 39)(38, 40)(41, 42)]) \cong C6$