The group G is isomorphic to the projective special linear group PSL(2,17).
Ordinary character table of $G \cong$ PSL(2,17):

	$1a$	$2a$	$3a$	$4a$	$8a$	$8b$	$9a$	$9b$	$9c$	$17a$	$17b$
χ_1	1	1	1	1	1	1	1	1	1	1	1
χ_2	9	1	0	1	-1	-1	0	0	0	$-E(17)-E(17)^2-E(17)^4-E(17)^8-E(17)^9-E(17)^{13}-E(17)^{15}-E(17)^{16}$	$-E(17)^3-E(17)^5-E(17)^6-E(17)^7-E(17)^{10}-E(17)^{11}-E(17)^{12}-E(17)^{14}$
χ_3	9	1	0	1	-1	-1	0	0	0	$-E(17)^3-E(17)^5-E(17)^6-E(17)^7-E(17)^{10}-E(17)^{11}-E(17)^{12}-E(17)^{14}$	$-E(17)-E(17)^2-E(17)^4-E(17)^8-E(17)^9-E(17)^{13}-E(17)^{15}-E(17)^{16}$
χ_4	16	0	-2	0	0	0	1	1	1	-1	-1
χ_5	16	0	1	0	0	0	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	$-E(9)^2-E(9)^7$	$-E(9)^4-E(9)^5$	-1	-1
χ_6	16	0	1	0	0	0	$-E(9)^4-E(9)^5$	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	$-E(9)^2-E(9)^7$	-1	-1
χ_7	16	0	1	0	0	0	$-E(9)^2-E(9)^7$	$-E(9)^4-E(9)^5$	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	-1	-1
χ_8	17	1	-1	1	1	1	-1	-1	-1	0	0
χ_9	18	2	0	-2	0	0	0	0	0	1	1
χ_{10}	18	-2	0	0	$E(8)-E(8)^3$	$-E(8)+E(8)^3$	0	0	0	1	1
χ_{11}	18	-2	0	0	$-E(8)+E(8)^3$	$E(8)-E(8)^3$	0	0	0	1	1

Trivial source character table of $G \cong$ PSL(2,17) at $p = 2$:

Normalisers N_i	N_1							N_2	N_3		N_4	N_5		N_6	N_7	N_8	N_9
p-subgroups of G up to conjugacy in G	P_1							P_2	P_3		P_4	P_5		P_6	P_7	P_8	P_9
Representatives $n_j \in N_i$	$1a$	$3a$	$9a$	$9b$	$9c$	$17a$	$17b$	$1a$	$1a$	$3a$	$1a$	$1a$	$3a$	$1a$	$1a$	$1a$	$1a$
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 2 \cdot \chi_9 + 2 \cdot \chi_{10} + 2 \cdot \chi_{11}$	144	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	16	-2	1	1	1	-1	-1	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	16	1	$-E(9)^4-E(9)^5$	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	$-E(9)^2-E(9)^7$	-1	-1	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	16	1	$-E(9)^2-E(9)^7$	$-E(9)^4-E(9)^5$	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	-1	-1	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	16	1	$E(9)^2+E(9)^4+E(9)^5+E(9)^7$	$-E(9)^2-E(9)^7$	$-E(9)^4-E(9)^5$	-1	-1	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11}$	80	-1	-1	-1	-1	$-4*E(17)-4*E(17)^2-3*E(17)^3-4*E(17)^4-3*E(17)^5-3*E(17)^6-3*E(17)^7-4*E(17)^8-4*E(17)^9-3*E(17)^{10}-3*E(17)^{11}-3*E(17)^{12}-4*E(17)^{13}-3*E(17)^{14}-4*E(17)^{15}-4*E(17)^{16}$	$-3*E(17)-3*E(17)^2-4*E(17)^3-3*E(17)^4-4*E(17)^5-4*E(17)^6-4*E(17)^7-3*E(17)^8-3*E(17)^9-4*E(17)^{10}-4*E(17)^{11}-4*E(17)^{12}-3*E(17)^{13}-4*E(17)^{14}-3*E(17)^{15}-3*E(17)^{16}$	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11}$	80	-1	-1	-1	-1	$-3*E(17)-3*E(17)^2-4*E(17)^3-3*E(17)^4-4*E(17)^5-4*E(17)^6-4*E(17)^7-3*E(17)^8-3*E(17)^9-4*E(17)^{10}-4*E(17)^{11}-4*E(17)^{12}-3*E(17)^{13}-4*E(17)^{14}-3*E(17)^{15}-3*E(17)^{16}$	$-4*E(17)-4*E(17)^2-3*E(17)^3-4*E(17)^4-3*E(17)^5-3*E(17)^6-3*E(17)^7-4*E(17)^8-4*E(17)^9-3*E(17)^{10}-3*E(17)^{11}-3*E(17)^{12}-4*E(17)^{13}-3*E(17)^{14}-4*E(17)^{15}-4*E(17)^{16}$	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 2 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	72	0	0	0	0	4	4	8	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	28	1	1	1	1	$-3*E(17)-3*E(17)^2-2*E(17)^3-3*E(17)^4-2*E(17)^5-2*E(17)^6-2*E(17)^7-3*E(17)^8-3*E(17)^9-2*E(17)^{10}-2*E(17)^{11}-2*E(17)^{12}-3*E(17)^{13}-2*E(17)^{14}-3*E(17)^{15}-3*E(17)^{16}$	$-2*E(17)-2*E(17)^2-3*E(17)^3-2*E(17)^4-3*E(17)^5-3*E(17)^6-3*E(17)^7-2*E(17)^8-2*E(17)^9-3*E(17)^{10}-3*E(17)^{11}-3*E(17)^{12}-2*E(17)^{13}-3*E(17)^{14}-2*E(17)^{15}-2*E(17)^{16}$	4	2	2	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	44	-1	-1	-1	-1	$-E(17)-E(17)^2-2*E(17)^3-E(17)^4-2*E(17)^5-2*E(17)^6-2*E(17)^7-E(17)^8-E(17)^9-2*E(17)^{10}-2*E(17)^{11}-2*E(17)^{12}-E(17)^{13}-2*E(17)^{14}-E(17)^{15}-E(17)^{16}$	$-2*E(17)-2*E(17)^2-E(17)^3-2*E(17)^4-E(17)^5-E(17)^6-E(17)^7-2*E(17)^8-2*E(17)^9-E(17)^{10}-E(17)^{11}-E(17)^{12}-2*E(17)^{13}-E(17)^{14}-2*E(17)^{15}-2*E(17)^{16}$	4	2	-1	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	36	0	0	0	0	2	2	4	0	0	4	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	28	1	1	1	1	$-2*E(17)-2*E(17)^2-3*E(17)^3-2*E(17)^4-3*E(17)^5-3*E(17)^6-3*E(17)^7-2*E(17)^8-2*E(17)^9-3*E(17)^{10}-3*E(17)^{11}-3*E(17)^{12}-2*E(17)^{13}-3*E(17)^{14}-2*E(17)^{15}-2*E(17)^{16}$	$-3*E(17)-3*E(17)^2-2*E(17)^3-3*E(17)^4-2*E(17)^5-2*E(17)^6-2*E(17)^7-3*E(17)^8-3*E(17)^9-2*E(17)^{10}-2*E(17)^{11}-2*E(17)^{12}-3*E(17)^{13}-2*E(17)^{14}-3*E(17)^{15}-3*E(17)^{16}$	4	0	0	0	2	2	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	44	-1	-1	-1	-1	$-2*E(17)-2*E(17)^2-E(17)^3-2*E(17)^4-E(17)^5-E(17)^6-E(17)^7-2*E(17)^8-2*E(17)^9-E(17)^{10}-E(17)^{11}-E(17)^{12}-2*E(17)^{13}-E(17)^{14}-2*E(17)^{15}-2*E(17)^{16}$	$-E(17)-E(17)^2-2*E(17)^3-E(17)^4-2*E(17)^5-2*E(17)^6-2*E(17)^7-E(17)^8-E(17)^9-2*E(17)^{10}-2*E(17)^{11}-2*E(17)^{12}-E(17)^{13}-2*E(17)^{14}-E(17)^{15}-E(17)^{16}$	4	0	0	0	2	-1	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	10	1	1	1	1	$-2*E(17)-2*E(17)^2-E(17)^3-2*E(17)^4-E(17)^5-E(17)^6-E(17)^7-2*E(17)^8-2*E(17)^9-E(17)^{10}-E(17)^{11}-E(17)^{12}-2*E(17)^{13}-E(17)^{14}-2*E(17)^{15}-2*E(17)^{16}$	$-E(17)-E(17)^2-2*E(17)^3-E(17)^4-2*E(17)^5-2*E(17)^6-2*E(17)^7-E(17)^8-E(17)^9-2*E(17)^{10}-2*E(17)^{11}-2*E(17)^{12}-E(17)^{13}-2*E(17)^{14}-E(17)^{15}-E(17)^{16}$	2	2	2	2	0	0	2	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	18	0	0	0	0	1	1	2	0	0	2	0	0	0	2	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	10	1	1	1	1	$-E(17)-E(17)^2-2*E(17)^3-E(17)^4-2*E(17)^5-2*E(17)^6-2*E(17)^7-E(17)^8-E(17)^9-2*E(17)^{10}-2*E(17)^{11}-2*E(17)^{12}-E(17)^{13}-2*E(17)^{14}-E(17)^{15}-E(17)^{16}$	$-2*E(17)-2*E(17)^2-E(17)^3-2*E(17)^4-E(17)^5-E(17)^6-E(17)^7-2*E(17)^8-2*E(17)^9-E(17)^{10}-E(17)^{11}-E(17)^{12}-2*E(17)^{13}-E(17)^{14}-2*E(17)^{15}-2*E(17)^{16}$	2	0	0	2	2	2	0	0	2	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16)]) \cong$ C2
$P_3 = Group([(2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16), (1,15)(2,18)(3,6)(5,9)(7,13)(8,14)(10,11)(12,16)]) \cong$ C2 x C2
$P_4 = Group([(2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16), (2,8,14,18)(3,7,5,10)(4,16,17,12)(6,11,9,13)]) \cong$ C4
$P_5 = Group([(2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16), (1,15)(2,12)(4,18)(6,13)(7,10)(8,17)(9,11)(14,16)]) \cong$ C2 x C2
$P_6 = Group([(2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16), (1,15)(2,14)(3,13)(4,12)(5,11)(6,10)(7,9)(16,17), (1,15)(2,18)(3,6)(5,9)(7,13)(8,14)(10,11)(12,16)]) \cong$ D8
$P_7 = Group([(2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16), (2,4,18,12,14,17,8,16)(3,13,10,9,5,11,7,6), (2,8,14,18)(3,7,5,10)(4,16,17,12)(6,11,9,13)]) \cong$ C8
$P_8 = Group([(2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16), (1,15)(2,4)(3,7)(5,10)(8,12)(11,13)(14,17)(16,18), (2,8,14,18)(3,7,5,10)(4,16,17,12)(6,11,9,13)]) \cong$ D8
$P_9 = Group([(2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16), (1,15)(2,14)(3,13)(4,12)(5,11)(6,10)(7,9)(16,17), (1,15)(2,18)(3,6)(5,9)(7,13)(8,14)(10,11)(12,16), (2,4,18,12,14,17,8,16)(3,13,10,9,5,11,7,6)]) \cong$ D16

$N_1 = Group([(1,16)(2,8)(3,11)(5,10)(6,14)(7,12)(9,15)(17,18), (1,8,15)(2,11,7)(3,4,10)(5,14,9)(6,12,13)(16,18,17)]) \cong$ PSL(2,17)
$N_2 = Group([(2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16), (1,15)(2,8)(3,9)(4,17)(5,6)(7,11)(10,13)(14,18), (2,17,18,16,14,4,8,12)(3,11,10,6,5,13,7,9)]) \cong$ D16
$N_3 = Group([(1,15)(2,18)(3,6)(5,9)(7,13)(8,14)(10,11)(12,16), (2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16), (1,15)(3,11)(4,16)(5,13)(6,7)(8,18)(9,10)(12,17), (1,17,15,4)(2,3,8,9)(5,14,6,18)(7,13,11,10)]) \cong$ S4
$N_4 = Group([(2,8,14,18)(3,7,5,10)(4,16,17,12)(6,11,9,13), (2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16), (1,15)(3,11)(4,16)(5,13)(6,7)(8,18)(9,10)(12,17), (2,4,18,12,14,17,8,16)(3,13,10,9,5,11,7,6)]) \cong$ D16
$N_5 = Group([(1,15)(2,12)(4,18)(6,13)(7,10)(8,17)(9,11)(14,16), (2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16), (1,5)(3,15)(4,6)(7,10)(8,11)(9,18)(12,14)(13,17), (1,10,3)(2,4,6)(5,15,7)(8,13,14)(9,16,18)(11,12,17)]) \cong$ S4
$N_6 = Group([(1,15)(2,18)(3,6)(5,9)(7,13)(8,14)(10,11)(12,16), (1,15)(3,11)(4,16)(5,13)(6,7)(8,18)(9,10)(12,17), (2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16), (1,15)(2,12)(4,18)(6,13)(7,10)(8,17)(9,11)(14,16)]) \cong$ D16
$N_7 = Group([(2,4,18,12,14,17,8,16)(3,13,10,9,5,11,7,6), (2,18,14,8)(3,10,5,7)(4,12,17,16)(6,13,9,11), (2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16), (1,15)(3,11)(4,16)(5,13)(6,7)(8,18)(9,10)(12,17)]) \cong$ D16
$N_8 = Group([(2,8,14,18)(3,7,5,10)(4,16,17,12)(6,11,9,13), (1,15)(2,4)(3,7)(5,10)(8,12)(11,13)(14,17)(16,18), (2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16), (1,15)(3,11)(4,16)(5,13)(6,7)(8,18)(9,10)(12,17)]) \cong$ D16
$N_9 = Group([(2,4,18,12,14,17,8,16)(3,13,10,9,5,11,7,6), (1,15)(2,8)(3,9)(4,17)(5,6)(7,11)(10,13)(14,18), (1,15)(3,11)(4,16)(5,13)(6,7)(8,18)(9,10)(12,17), (2,14)(3,5)(4,17)(6,9)(7,10)(8,18)(11,13)(12,16)]) \cong$ D16