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	$-E(17)-E(17)^2-E(17)^4-E(17)^8$	$-E(17)^9-E(17)^{13}-E(17)^{15}-E(17)^{16}$
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
2-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	3a	1a	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
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}$	80	−1	−1	−1	−1	$-4*E(17)-4*E(17)^2-3*E(17)^3-4*E(17)^4-3*E(17)^5-3*E(17)^6-3*E(17)^7-4*E(17)^8-4*E(17)^9-3*E(17)^{10}-3*E(17)^{11}-3*E(17)^{12}-4*E(17)^{13}-3*E(17)^{14}-4*E(17)^{15}-4*E(17)^{16}$					$-3*E(17)-3*E(17)^2-4*E(17)^3-3*E(17)^4-4*E(17)^5-4*E(17)^6-4*E(17)^7-3*E(17)^8-3*E(17)^9-4*E(17)^{10}-4*E(17)^{11}-3*E(17)^{12}-3*E(17)^{13}-4*E(17)^{14}-3*E(17)^{15}-3*E(17)^{16}$	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}$	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
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}$	80	−1	−1	−1	−1	$-3*E(17)-3*E(17)^2-4*E(17)^3-3*E(17)^4-4*E(17)^5-4*E(17)^6-4*E(17)^7-3*E(17)^8-3*E(17)^9-4*E(17)^{10}-4*E(17)^{11}-4*E(17)^{12}-3*E(17)^{13}-4*E(17)^{14}-3*E(17)^{15}-3*E(17)^{16}$					$-4*E(17)-4*E(17)^2-3*E(17)^3-4*E(17)^4-3*E(17)^5-3*E(17)^6-3*E(17)^7-4*E(17)^8-4*E(17)^9-3*E(17)^{10}-3*E(17)^{11}-4*E(17)^{12}-4*E(17)^{13}-3*E(17)^{14}-4*E(17)^{15}-4*E(17)^{16}$	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+2\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	72	0	0	0	0	4					4	8	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	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
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	44	−1	−1	−1	−1	$-E(17)-E(17)^2-2*E(17)^3-E(17)^4-2*E(17)^5-2*E(17)^6-2*E(17)^7-E(17)^8-E(17)^9-2*E(17)^{10}-2*E(17)^{11}-2*E(17)^{12}-E(17)^{13}-2*E(17)^{14}-E(17)^{15}-E(17)^{16}$					$-2*E(17)-2*E(17)^2-E(17)^3-2*E(17)^4-E(17)^5-E(17)^6-2*E(17)^7-2*E(17)^8-2*E(17)^9-E(17)^{10}-E(17)^{11}-2*E(17)^{12}-2*E(17)^{13}-E(17)^{14}-2*E(17)^{15}-2*E(17)^{16}$	4	2	−1	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	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
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	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
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	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
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	10	1	1	1	1	$-E(17)-E(17)^2-2*E(17)^3-E(17)^4-2*E(17)^5-2*E(17)^6-2*E(17)^7-E(17)^8-E(17)^9-2*E(17)^{10}-2*E(17)^{11}-2*E(17)^{12}-E(17)^{13}-2*E(17)^{14}-E(17)^{15}-E(17)^{16}$					$-2*E(17)-2*E(17)^2-E(17)^3-E(17)^4-2*E(17)^5-2*E(17)^6-2*E(17)^7-E(17)^8-E(17)^9-2*E(17)^{10}-2*E(17)^{11}-2*E(17)^{12}-2*E(17)^{13}-E(17)^{14}-E(17)^{15}-E(17)^{16}$	2	0	0	2	2	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
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}$	1	1	1	1	1	1					1	1	1	1	1	1	1	1	1	1	1

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

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