The group $G$ is isomorphic to the projective special linear group PSL(2,13) .
Ordinary character table of $G \cong$ PSL(2,13):

| | $1a$ | $2a$ | $3a$ | $6a$ | $7a$ | $7b$ | $7c$ | $13a$ | $13b$ |
|---|---|---|---|---|---|---|---|---|---|
| $\chi_1$ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| $\chi_2$ | 7 | $-1$ | 1 | $-1$ | 0 | 0 | 0 | $-E(13)^2-E(13)^5-E(13)^6-E(13)^7-E(13)^8-E(13)^{11}$ | $-E(13)-E(13)^3-E(13)^4-E(13)^9-E(13)^{10}-E(13)^{12}$ |
| $\chi_3$ | 7 | $-1$ | 1 | $-1$ | 0 | 0 | 0 | $-E(13)-E(13)^3-E(13)^4-E(13)^9-E(13)^{10}-E(13)^{12}$ | $-E(13)^2-E(13)^5-E(13)^6-E(13)^7-E(13)^8-E(13)^{11}$ |
| $\chi_4$ | 12 | 0 | 0 | 0 | $-E(7)^3-E(7)^4$ | $-E(7)-E(7)^6$ | $-E(7)^2-E(7)^5$ | $-1$ | $-1$ |
| $\chi_5$ | 12 | 0 | 0 | 0 | $-E(7)^2-E(7)^5$ | $-E(7)^3-E(7)^4$ | $-E(7)-E(7)^6$ | $-1$ | $-1$ |
| $\chi_6$ | 12 | 0 | 0 | 0 | $-E(7)-E(7)^6$ | $-E(7)^2-E(7)^5$ | $-E(7)^3-E(7)^4$ | $-1$ | $-1$ |
| $\chi_7$ | 13 | 1 | 1 | 1 | $-1$ | $-1$ | $-1$ | 0 | 0 |
| $\chi_8$ | 14 | 2 | $-1$ | $-1$ | 0 | 0 | 0 | 1 | 1 |
| $\chi_9$ | 14 | $-2$ | $-1$ | 1 | 0 | 0 | 0 | 1 | 1 |

Trivial source character table of G $\cong$ PSL(2,13) at p = 7

| *Normalisers* $N_i$ | $N_1$ | | | | | | $N_2$ | |
|---|---|---|---|---|---|---|---|---|
| $p-$ *subgroups of G up to conjugacy in G* | $P_1$ | | | | | | $P_2$ | |
| *Representatives* $n_j \in N_i$ | $1a$ | $2a$ | $3a$ | $6a$ | $13a$ | $13b$ | $1a$ | $2a$ |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$ | 14 | 2 | 2 | 2 | 1 | 1 | 0 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$ | 7 | $-1$ | 1 | $-1$ | $-E(13)-E(13)^3-E(13)^4-E(13)^9-E(13)^{10}-E(13)^{12}$ | $-E(13)^2-E(13)^5-E(13)^6-E(13)^7-E(13)^8-E(13)^{11}$ | 0 | 0 |
| $0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$ | 7 | $-1$ | 1 | $-1$ | $-E(13)^2-E(13)^5-E(13)^6-E(13)^7-E(13)^8-E(13)^{11}$ | $-E(13)-E(13)^3-E(13)^4-E(13)^9-E(13)^{10}-E(13)^{12}$ | 0 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$ | 49 | 1 | 1 | 1 | $-3$ | $-3$ | 0 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9$ | 14 | $-2$ | $-1$ | 1 | 1 | 1 | 0 | 0 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9$ | 14 | 2 | $-1$ | $-1$ | 1 | 1 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$ | 36 | 0 | 0 | 0 | $-3$ | $-3$ | 1 | $-1$ |

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,6,12,4,8,9,10)(2,14,3,13,11,7,5)]) \cong$ C7

$N_1 = Group([(1,12)(2,6)(3,4)(7,11)(9,10)(13,14),(1,6,11)(2,4,5)(7,8,10)(12,14,13)]) \cong$ PSL(2,13)
$N_2 = Group([(1,6,12,4,8,9,10)(2,14,3,13,11,7,5),(2,5)(3,11)(4,8)(6,10)(7,14)(9,12)]) \cong$ D14