The group G is isomorphic to the group labelled by [72, 50] in the Small Groups library.
Ordinary character table of $G \cong$ C6 x C6 x C2:

[illegible]

Trivial source character table of $G \cong$ C6 x C6 x C2 at $p = 2$:

Normalisers N_i
p-subgroups of G up to conjugacy in G
Representatives $n_j \in N_i$
[illegible]

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(5,6)]) \cong$ C2
$P_3 = Group([(3,4)]) \cong$ C2
$P_4 = Group([(3,4)(5,6)]) \cong$ C2
$P_5 = Group([(1,2)]) \cong$ C2
$P_6 = Group([(1,2)(5,6)]) \cong$ C2
$P_7 = Group([(1,2)(3,4)]) \cong$ C2
$P_8 = Group([(1,2)(3,4)(5,6)]) \cong$ C2
$P_9 = Group([(3,4),(1,2)]) \cong$ C2 x C2
$P_{10} = Group([(5,6),(1,2)]) \cong$ C2 x C2
$P_{11} = Group([(3,4)(5,6),(1,2)]) \cong$ C2 x C2
$P_{12} = Group([(5,6),(3,4)]) \cong$ C2 x C2
$P_{13} = Group([(3,4),(1,2)(5,6)]) \cong$ C2 x C2
$P_{14} = Group([(5,6),(1,2)(3,4)]) \cong$ C2 x C2
$P_{15} = Group([(3,4)(5,6),(1,2)(5,6)]) \cong$ C2 x C2
$P_{16} = Group([(5,6),(3,4),(1,2)]) \cong$ C2 x C2 x C2

$N_1 = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_2 = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_3 = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_4 = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_5 = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_6 = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_7 = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_8 = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_9 = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_{10} = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_{11} = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_{12} = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_{13} = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_{14} = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_{15} = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2
$N_{16} = Group([(1,2),(3,4),(5,6),(7,8,9),(10,11,12)]) \cong$ C6 x C6 x C2