The group $G$ is isomorphic to the group labelled by $[64, 16]$ in the Small Groups library. Ordinary character table of $G \cong (C8 : C8) : 1$ :			
Trivial source character table of $G\cong (\mathbb{C}8:\mathbb{C}8):1$ at $p=2$ :	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
1	The Man		
$P_1 = Group([1)) \cong 1 \\ P_2 = Group([1, 7/2, 12)3, 10)(4, 19)(5, 21)(6, 22)(8, 26)(9, 29)(10, 31)(1, 32)(3, 35)(1, 4, 7)(15, 38)(17, 40)(18, 41)(20, 42)(23, 45)(24, 47)(23, 48)(27, 50)(28, 51)(30, 51)(33, 51)(33, 51)(33, 51)(34, 55)(36, 56)(37, 52)(36, 51)(36, 52)(36, 53)(38, 56)(38, 51)(36, 52)(36, 52)(38, 52)(38, 51)(38, 51)(38, 51)(38, 52)(38, 52)(38, 51)(38, 51)(38, 52)(38, 52)(38, 51)(38, 51)(38, 52)(38, 52)(38, 51)(38, 51)(38, 52)(38, $	$ \begin{array}{c} (20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64)]) \cong C2 \times C2 \\ (60)(24,61)(25,26)(27,62)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59)]) \cong C4 \\ (45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(33,59)(44,60)(46,61)(49,62)(53,63)(58,64)]) \cong C4 \\ (45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(33,59)(44,60)(46,61)(49,62)(53,63)(58,64)]) \cong C4 \\ (44)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64)]) \cong C4 \\ (44)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64)]) \cong C4 \\ (45)(24,47)(25,48)(27,50)(28,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64)]) \cong C4 \\ (46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64)]) \cong C4 \\ (47)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64)]) \cong C4 \\ (48)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64)]) \cong C4 \\ (49)(24,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64)]) \cong C4 \\ (49)(49)(49)(49)(49)(49)(49)(49)(49)(49)$	$3)(5,39,20,17)(7,41,22,19)(8,44,25,23)(10,49,30,27)(12,51,32,29)(14,53,36,33)(16,55,38,35)(21,57,42,40)(24,58,46,43)(26,60,48,45)(31,62,52,50)(37,63,56,54)(47,64,61,59)]) \cong C8 \times C2$ $3)(5,39,20,17)(7,41,22,19)(8,44,25,23)(10,49,30,27)(12,51,32,29)(14,53,36,33)(16,55,38,35)(21,57,42,40)(24,58,46,43)(26,60,48,45)(31,62,52,50)(37,63,56,54)(47,64,61,59)]) \cong C8 \times C2$ $37)(4,17,19,40)(6,20,22,42)(8,24,26,47)(9,27,29,50)(11,30,32,52)(13,33,35,54)(15,36,38,56)(18,39,41,57)(23,43,45,59)(25,46,48,61)(28,49,51,62)(34,53,55,63)(44,58,60,64)]) \cong C8 \times C2$ $4,16,37)(4,17,19,40)(6,20,22,42)(8,24,26,47)(9,27,29,50)(11,30,32,52)(13,33,35,54)(15,36,38,56)(18,39,41,57)(23,43,45,59)(25,46,48,61)(28,49,51,62)(34,53,55,63)(44,58,60,64),(1,3,18,34,6,15,4,13)(2,8,28,44,11,25,9,23)(5,14,39,53,20,36,17,33)(7,16,41,55,22,38,19,35)(10,24,49,58,30,46,27,43)(12,46,37)(4,17,19,40)(6,20,22,42)(8,24,26,47)(9,27,29,50)(11,30,32,52)(13,33,35,54)(15,36,38,56)(18,39,41,57)(23,43,45,59)(25,46,48,61)(28,49,51,62)(34,53,55,63)(44,58,60,64),(1,2,5,10,7,12,21,31)(3,23,14,43,16,45,37,59)(4,28,17,49,19,51,40,62)(6,11,20,30,22,32,42,52)(8,33,24,35,26,54,47,13)(9,41,63,7)(4,17,19,40)(6,20,22,42)(8,24,26,47)(9,27,29,50)(11,30,32,52)(13,33,35,54)(15,36,38,56)(18,39,41,57)(23,43,45,59)(25,46,48,61)(28,49,51,62)(34,53,55,63)(44,58,60,64),(1,2,5,10,7,12,21,31)(3,23,14,43,16,45,37,59)(4,28,17,49,19,51,40,62)(6,11,20,30,22,32,42,52)(8,33,24,35,26,54,47,13)(9,41,63,7)(4,17,19,40)(6,20,22,42)(8,24,26,47)(9,27,29,50)(11,30,32,52)(13,33,35,54)(15,36,38,56)(18,39,41,57)(23,43,45,59)(25,46,48,61)(28,49,51,62)(34,53,55,63)(44,58,60,64),(1,2,5,10,7,12,21,31)(3,23,14,43,16,45,37,59)(4,28,17,49,19,51,40,62)(6,11,20,30,22,32,42,52)(8,33,24,35,26,54,47,13)(9,44,63,74,44,16,37)(4,17,19,40)(6,20,22,42)(8,24,26,47)(9,27,29,50)(11,30,32,52)(13,33,35,54)(15,36,38,56)(18,39,41,57)(23,43,45,59)(25,46,48,61)(28,49,51,62)(24,48,61)(28,49,51,62)(24,48,61)(28,49,51,62)(24,48,61)(28,49,51,62)(24,48,61)(28,49,51,62)(24,48,61)(28,49,51,62)(24,48,61)(28,49,51,62)(24,48,61)(28,49,51,62)(24$	$39, 27, 41, 29, 57, 50, 18)(15, 44, 36, 58, 38, 60, 56, 64)(25, 53, 46, 55, 48, 63, 61, 34)]) \cong C4 : C8$ $53, 30, 55, 32, 63, 52, 34)(15, 28, 36, 49, 38, 51, 56, 62)(18, 25, 39, 46, 41, 48, 57, 61)]) \cong C4 : C8$
$\begin{aligned} &N_t = Group([1, 2, 1, 10, 7, 12, 21, 31), 3.3 & 14, 44, 16, 45, 37, 59)(4, 29, 17, 49, 19, 51, 40, 62)(6, 11, 20, 30, 22, 32, 42, 52)(8, 33, 24, 35, 26, 54, 47, 13)(9, 39, 74, 12, 95, 75, 90, 18)(15, 44, 36, 88, 80, 65, 64)(25, 53, 46, 54, 58, 63, 63, 34), 1, 1, 18, 18, 46, 15, 47, 13)(2, 8, 29, 41, 12, 9, 23)(5, 14, 39, 52, 20, 34), 74, 104, 104, 104, 104, 104, 104, 104, 10$	6, 27, 43) [12, 20.51, 60.32, 48, 29, 45) [21, 37, 57, 68, 42, 56, 40, 34) [31, 47, 62, 64, 52, 65, 50, 59], [1, 4, 6, 18) [2, 9, 11, 28) [31, 13, 15, 34) [5, 17, 20, 39] [7, 19, 22, 41] [8, 23, 25, 44] [10, 27, 30, 49] [12, 20, 25, 54] [14, 33, 36, 53] [16, 33, 85, 55) [21, 40, 42, 57] [24, 43, 40, 59] [25, 54, 56, 63] [47, 54, 56, 63] [47, 54, 56, 54] [47, 54, 54, 54, 54] [47, 54, 54, 54] [47, 54, 54, 54] [47, 54,	$\begin{aligned} 24.26. & 47/9. & 27. & 95. & 50/11. & 30. & 2.9/16. & 33. & 35. & 54/15. & 36. & 36. & 56/16. & 39. & 41. & 57/23. & 34. & 5. & 59/25. & 46. & 48. & 61/28. & 49. & 51. & 62/34. & 53. & 56/34. & 58. & 60. & 61/1. & 61/2. & 11/3. & 15/14. & 18/15. & 29/17. & 29/16. & 29/19. & 29/10. & 30/11. & 30/14. & 36/16. & 39/14. & 36/16. & 39/14. & 57/23. & 34. & 45. & 59/25. & 48. & 48. & 61/28. & 49. & 51. & 62/34. & 53. & 56/34. & 58. & 56/34. & 59. & 56/34. & 59. & 56/34. & 59. & 56/34. & 59. & 56/34. & 59. & 59/25.$	$\begin{aligned} & (37,56)(40,57)(43,58)(46,50)(47,61)(50,62)(54,63)(59,64), (1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,51)(34,55)(35,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64)) & (C8:C8):137,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64), (1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(35,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64)) & (C8:C8):137,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64), (1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64)) & (C8:C8):137,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64), (1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64)) & (C8:C8):137,57,63,42,56,40,54)(31,47,62,64,52,61,50,59)) & (C8:C8):137,57,63,42,56$