The group G is isomorphic to the group labelled by [1440, 4594] in the Small Groups library.

1 ~	20 20 40 4	h 5 a		60	Θα		O.b.	100	101	160	16h	16.	16.1	20.0	206	20.0	204
10	2a $3a$ $4a$ $4a$	$\frac{\sigma}{\sigma} = \frac{\partial a}{\partial r}$	30	<u> </u>	<u>8a</u>		00	10a	106	10a	166	100	16d	20a	206	200	20d
$\chi_1$ 1	1 1 1 1	. 1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
$\chi_2$ 1	1  1  -1  1	1	1	1	1		1	1	1	-1	-1	-1	-1	-1	-1	-1	-1
$\chi_3$ 8	-8  -1  0  0	-2	-2	1	0		0	2	2	0	0	0	0	0	0	0	0
$\begin{vmatrix} \chi_4 & 8 \end{vmatrix}$	8 -1 -2 0	$-E(5)^2 - E(5)^3$	$-E(5) - E(5)^{} 4$	-1	0		0	$-E(5) - E(5)^4$	$-E(5)^2 - E(5)$	)^3 0	0	0	0	$-E(5)^2 - E(5)^3$	$-E(5) - E(5)^{} 4$	$-E(5) - E(5)^{} 4$	$-E(5)^2 - E(5)^3$
$\begin{pmatrix} \chi_4 \\ \chi_5 \end{pmatrix} = 8$	0 1 0 0	$=$ $\pm i\omega = -i\omega \hat{\star}$ .	_ /		Û		0	$-E(5)^2 2 - E(5)^3$			0	0	Ô	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$
$\begin{array}{c c} \chi_5 & \sigma \\ \hline \end{array}$	0 -1 2 0	_ ) ( ) ( _	_ ; ( ; ( _		0		0				0	0	0				
$\chi_6$ 8	8 -1 -2 0	$-E(5) - E(5)^4$	` ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '		0		0	$-E(5)^2 - E(5)^3$			0	0	0	$-E(5) - E(5)^4$	$-E(5)^2 - E(5)^3$	$-E(5)^2 - E(5)^3$	$-E(5) - E(5)^{} 4$
$\chi_7$ 8	8 -1 2 0	$-E(5)^2 - E(5)^3$	$-E(5) - E(5)^{} 4$	-1	0		0	$-E(5) - E(5)^4$		) 3 0	0	0	0	$E(5)^{} 2 + E(5)^{} 3$	$E(5) + E(5)^{} 4$	$E(5) + E(5)^{} 4$	$E(5)^{} 2 + E(5)^{} 3$
$\chi_8$ 8	-8  -1  0  0	$-E(5) - E(5)^{} 4$	$-E(5)^2 - E(5)^2$	3 1	0		0	$E(5)^2 + E(5)^3$	$E(5) + E(5)^{}$	4 0	0	0	0	$-E(20) + E(20)^{} 9$	$E(20)^{} 13 - E(20)^{} 17$	$-E(20)^{} 13 + E(20)^{} 17$	$E(20) - E(20)^{} 9$
$\gamma_0$ 8	-8 $-1$ 0 0	$-E(5)^2 2 - E(5)^3$	$-E(5) - E(5)^{} 4$	. 1	0		0	$E(5) + E(5)^{} 4$	$E(5)^2 + E(5)^2$	^3 0	0	0	0	$E(20)^{}13 - E(20)^{}17$	$E(20) - E(20)^{} 9$	$-E(20) + E(20)^{} 9$	$-E(20)^{} 13 + E(20)^{} 17$
$\begin{vmatrix} \chi_3 \\ \chi_{10} \end{vmatrix} = 8$		$-E(5)^2 2 - E(5)^3$	=/=/ =/=/^ .		0		0	$E(5) + E(5)^{4}$			0	0	0	$-E(20)^{}13 + E(20)^{}17$	` , ` , ,	$E(20) - E(20) \hat{\ } 9$	$E(20)^{} 13 - E(20)^{} 17$
7,0-0		` / /	( ) ( )		0		0				0	0	0	. , ,		( ) ( )	` ' ' ' ' '
	-8 $-1$ 0 0	$-E(5) - E(5)^{} 4$	$-E(5)^2 - E(5)^2$	3 1	0		0	$E(5)^{} 2 + E(5)^{} 3$	$E(5) + E(5)^{}$	4 0	0	0	0	$E(20) - E(20)^{} 9$	-E(20) 13 + $E(20)$ 17	$E(20)^{} 13 - E(20)^{} 17$	$-E(20) + E(20)^{} 9$
	9 0 1 1	-1	-1	0	1		1	-1	-1	-1	-1	-1	-1	1	1	1	1
$\chi_{13} = 9$	9  0  -1  1	-1	-1	0	1		1	-1	-1	1	1	1	1	-1	-1	-1	-1
$\chi_{14}$ 10	10 1 0 2	2 0	0	1	-2		-2	0	0	0	0	0	0	0	0	0	0
	10 1 0 -		0	1	0		0	0	0	$-E(8) + E(8)^3$	$E(8) - E(8)^{} 3$	$E(8) - E(8)^{} 3$	$-E(8) + E(8)^3$	0	0	0	0
			0	1	0		0	0	0			. , , , , ,	_ / \ / _ / \ _	0	0	0	0
	10 1 0 -		0	1	U E(a) E(a)	<b>.</b>	(a) - <b>F</b> (a) \hat{\alpha} a	0	0	$E(8) - E(8)^3$	$-E(8) + E(8)^3$	$-E(8) + E(8)^3$	$E(8) - E(8)^3$	0	0	0	0
	-10   1   0   0		0		$E(8) - E(8)^3$			0	0	$E(16) - E(16)^{} 7$	$E(16)^{} 3 - E(16)^{} 5$	$-E(16)^3 + E(16)^5$	$-E(16) + E(16)^{}7$	0	0	0	0
$\chi_{18} = 10$	-10   1   0   0	0	0	-1 -	$-E(8) + E(8)^{}$	3  E(8)	$(8) - E(8)^3$	0	0	$E(16)^{} 3 - E(16)^{}$	$-E(16) + E(16)^{} 7$	$E(16) - E(16)^{} 7$	$-E(16)^{} 3 + E(16)^{} 5$	0	0	0	0
$\chi_{19} \mid 10$	-10   1   0   0	0	0	-1 -	$-E(8) + E(8)^{}$	3 E(8)	$(8) - E(8)^3$	0	0	$-E(16)^3 + E(16)^3$	$5   E(16) - E(16)^{} 7$	$-E(16) + E(16)^{} 7$	$E(16)^{} 3 - E(16)^{} 5$	0	0	0	0
	-10  1  0  0		0		$E(8) - E(8)^{2}$ 3			0	0			$E(16)^3 - E(16)^5$		0	0	0	0
\(\lambda 20 \)	10 1 0 0	, 0	<u> </u>		E(0) $E(0)$ $0$	, D(	(0) 1 2 (0) 0		0	E(10) + E(10)	E(10) = 0 + E(10) = 0	E(10) 0 E(10) 0	E(10) E(10) 1	0	0	<u> </u>	

 $P_1 = Group([()]) \cong 1 \\ P_2 = Group([(1,68,38,23,74)(2,59,24,8,37)(3,76,75,13,69)(4,80,44,73,33,42)(15,51,44,20,27)(16,25,55,21,70)(17,54,39,52,30)(18,53,45,58,72)(22,65,60,32,57)(35,46,43,36,50)(40,67,47,78,71)(81,141,142,144,95)(82,101,127,130,104)(83,103,113,100,154)(84,112,145,118,114)(85,148,157,108,102)(86,88,143,106,115)(87,126,125,105,91)(89,93,160,155,137)(90,128,124,122,159)(92,136,111,149,153)(94,139,119,138,133)(96,129,150,151,98)(97,99,117,134,135)(107,156,140,121,131)(109,146,158,147,110)(116,132,123,152,120)]) \cong C5$