

## 110V power supply

	A	B	C	D	E	F
<b>1</b>	Model	Input Voltage	The output voltage	Weight (kg)	Installation	Be applicable
<b>2</b>	PW120A	110V/220V	0-150-250-300V/200mA ,0-9V / 3A ,0-5-6.3V/2A	2.7	E-85 * 55	
<b>3</b>	PW120A-120	100V/110V/120V	0-150-250-300V/200mA ,0-9V / 3A ,0-5-6.3V/2A	3.7	E-85 * 55	
<b>4</b>	PW150AB	110V/220V	0-230-250-265V/240mA, 5V/2.5A, 6.3V × 2/2.5A, 35V/70mA	3.4	H-96 * 55	6P6P, 6P14, 6P1, 6P3P, KT66
<b>5</b>	PW150AB-100	100V/200V	0-230-250-265V/240mA, 5V/2.5A, 6.3V × 2/2.5A, 35V/70mA	3.4	H-96 * 55	
<b>6</b>	PW150AB-120	100V/110V/120V	0-230-250-265-280V/240mA, 5V/2.5A, 6.3V × 2/2.5A, 35V/70mA	3.4	H-96 * 55	
<b>7</b>	PW200A-100	100V/110V	330-290-0-290-330V/180mA, 5V/3A, 6.3V/3A, (0-2.5-6.3V) × 2/3A	4.1	H-96 * 55	2A3, EL34, 6P3, 807
<b>8</b>	PW200APRO	110V/220V	400-320-0-320-400V/150mA, 5V/3A, 6.3V/3A ,0-2.5-5-6.3V/3A	4.1	H-96 * 65	2A3, 300B
<b>9</b>	PW200APRO-120	100V/110V/120V	400-320-0-320-400V/150mA, 5V/3A, 6.3V/3A ,0-2.5-5-6.3V/3A	4.1	H-96 * 65	
<b>10</b>	PW280A	110V/220V	0-280-300-320V/300mA, 5V/3A, 6.3V/3A, (0-2.5-5V) × 2/4A	4.5	H-96 * 75	EL34, 6P3P, 807
<b>11</b>	PW280AB	110V/220V	0-280-300-320V/300mA, 5V/3A, 6.3V/3A, 6.3V × 2/4A, 35V/80mA	4.5	H-96 * 75	
<b>12</b>	PW280AB-120	100V/110V/120V	0-280-300-320V/300mA, 5V/3A, 6.3V/3A, 6.3V × 2/4A, 35V/80mA	4.5	H-96 * 75	
<b>13</b>	PW300AB	110V/220V	0-290-320-360-390V/400mA, 6.3V × 3/4A, 5V/4A, 45V/100mA	5.7	H-114 * 65	
<b>14</b>	PW300ABA	110V/220V	390-320-0-100-320-390V/300mA, 5V/4A, 6.3V/4A, (0-2.5-5V) × 2/4A	5.6	H-114 * 65	2A3, EL34, 6P3P, KT66, KT88, 300B
<b>15</b>	PW300ABA-100	100V/200V	390-320-0-100-320-390V/300mA, 5V/4A, 6.3V/4A, (0-2.5-5V) × 2/4A	5.6	H-114 * 65	
<b>16</b>	PW300ABA-120	100V/110V/120V	390-320-0-100-320-390V/300mA, 5V/4A, 6.3V/4A, (0-2.5-5V) × 2/4A	5.6	H-114 * 65	
<b>17</b>	PW300ABA-3.5-120	100V/110V/120V	390-320-0-100-320-390V/300mA, 5V/4A, 6.3V/4A, (0-3.5-5V) × 2/4A	5.6	H-114 * 65	
<b>18</b>	PW300ABA-6.3	110V/220V	390-320-0-100-320-390V/300mA, 5V/4A, 6.3V/4A, (0-2.5-6.3V) × 2/4A	5.6	H-114 * 65	
<b>19</b>	PW300ABA-6.3-100	100V/200V	390-320-0-100-320-390V/300mA, 5V/4A, 6.3V/4A, (0-2.5-6.3V) × 2/4A	5.6	H-114 * 65	
<b>20</b>	PW300ABA-6.3-120	100V/110V/120V	390-320-0-100-320-390V/300mA, 5V/4A, 6.3V/4A, (0-2.5-6.3V) × 2/4A	5.6	H-114 * 65	
<b>21</b>	PW300ABA-7.5	110V/220V	390-320-0-100-320-390V/300mA, 5V/4A, 6.3V/4A, (0-2.5-7.5V) × 2/4A	5.6	H-114 * 65	2A3, 300B
<b>22</b>	PW400A33C	110V/220V	0-200-220-275V/700mA, 6.3V/3A ,0-100V / 100mA, 6.3V × 2/6.6A, 5V/4A	6.6	H-114 * 80	6C33C
<b>23</b>	PW400A33C-100	100V/200V	0-200-220-275V/700mA, 6.3V/3A ,0-100V / 100mA, 6.3V × 2/6.6A, 5V/4A	6.6	H-114 * 80	
<b>24</b>	PW400ABA-10-110	100V/110V	300V/150mA ,0-750-800-900V / 250mA ,0-150V / 100mA, 5V/4A, 5V-6.3V/3A, 10V/6A	6.7	H-114 * 80	805,845,211,813
<b>25</b>	PW400ABA-110-805	100V/110V	300V/150mA ,0-750-800-900V / 250mA ,0-26V / 150mA, 5V/4A, 5V-6.3V/3A, 10V/6A	6.7	H-114 * 80	
<b>26</b>						

## 230V power supply

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1	Model	Input Voltage	The output voltage	Weight (kg)	Installation	Be applicable
2	PW120A-230	220V	0-150-250-300V/200mA	2.7	E-85 * 55	Pre-
3		230V	0-9V/3A			
4		235V	0-5-6.3V/2A			
5	PW120A-230-S	220V	0-150-250-300V/200mA	3.7	SL	Pre-
6		230V	0-9V/3A			
7		235V	0-5-6.3V/2A			
8	PW120A II -230	220V	265-250-0-250-265/200mA	2.6	E-85 * 55	Pre-
9		230V	0-9V/2A			
10		240V	0-5-6.3V/2A			
11	PW150AB-230	220V	0-230-250-265-280V/240mA	3.4	H-96 * 55	6P6P
12		230V	5V/2.5A			6P14
13		240V	6.3V × 2/2.5A			6P1
14			35V/70mA			6P3P
15						KT66
16	PW200A-230	220V	330-290-0-290-330V/200mA	4.1	H-96 * 55	2A3
17		230V	5V/3A			EL34
18			(0-2.5-6.3V) × 2/3A			6P3
19			6.3V/3A			807
20	PW200APRO-230	220V	400-320-0-320-400V/150mA	3.9	H-96 * 55	2A3
21		230V	5V/3A			300B
22		235V	0-2.5-5-6.3V/3A			
23			6.3V/3A			
24	PW200PRE-230	220V	330-290-0-290-330V/200mA	3.9	H-96 * 55	Pre-
25		230V	5V × 2/3A			
26			(0-5-7.5V) × 2/3A			
27			9V/3A			
28	PW280AB-230	220V	0-280-300-320V/300mA	4.6	H-96 * 55	EL34
29		230V	5V/3A			6P3P
30		235V	6.3V/3A			807
31			6.3V × 2/4A			
32			35V/80mA			
33	PW300AB-230	220V	0-250-310-350-390V/400mA	5.7	H-114 * 65	EL34
34		230V	6.3V × 3/4A			6P3P
35		235V	5V/4A			807
36			40V/100mA			
37	PW300ABA-235	220V	390-320-0-100-320-390V/300mA	5.6	H-114 * 65	2A3
38		230V	5V/4A			EL34
39		235V	6.3V/4A			6P3P

40			$(0-3.5-5V) \times 2/4A$			KT66
41						KT88
42						300B
43	PW300ABA-3.5-235	220V	390-320-0-100-320-390V/300mA	5.6	H-114 * 65	2A3
44		230V	5V/4A			EL34
45		235V	6.3V/4A			6P3P
46			$(0-3.5-5V) \times 2/4A$			KT66
47						KT88
48						300B
49	PW300ABA-6.3-235	220V	390-320-0-100-320-390V/300mA	5.6	H-114 * 65	2A3
50		230V	5V/4A			EL34
51		235V	6.3V/4A			6P3P
52			$(0-2.5-6.3V) \times 2/4A$			KT66
53						KT88
54						300B
55	PW300ABA-400-235	220V	400-290-0-100-290-400V/300mA	5.6	H-114 * 65	2A3
56		230V	5V/4A			300B
57		235V	6.3V/4A			
58			$(0-2.5-5V) \times 2/4A$			
59	PW400A33C-230	220V	0-200-220-275V/700mA	6.6	H-114 * 80	6C33C
60		230V	6.3V/3A			
61			0-100V/100mA			
62			$6.3V \times 2/6.6A$			
63			5V/4A			
64	PW400AB-230	220V	0-130-360-400-420V/500mA	6.6	H-114 * 80	6550
65		230V	0-5-6.3V/4A			KT88
66			$0-6.3V \times 3/4A$			
67			0-70V/100mA			
68	PW400AB-24X2-230	220V	0-320V/500mA	6.6	H-114 * 80	EL34
69		230V	0-6.3V/2A			6L6
70			$0-6.3 \times 4/4A$			KT66
71			0-70V/150mA			
72	PW400ABA-805-230	220V	0-750-800-900V-250mA	6.7	H-114 * 80	805
73		230V	5V/4A, 5V/3A			845
74			6.3V/3A			211
75			10V/6A			813
76			0-26-150V/150mA			
77			300V/150mA			
78						

## High voltage power supply

	A	B	C	D	E
<b>1</b>	Model	Input Voltage	The output voltage	Weight (kg)	Installation
<b>2</b>	PW90GY-230	220V/230V	2.5V-0-2.5V/3A ,0-250V / 150mA	2	V-76 * 55
<b>3</b>	PW400GY-211-230	220V/230V	5V/4A ,0-26-150V / 200mA ,0-250-320V / 200mA ,0-750-800-850-900V / 200mA	6.8	H-114 * 80
<b>4</b>	PW400GY-845-110	110V/220V	5V/4A ,0-26-150V / 200mA ,0-300-400V / 150mA ,0-750-800-900V / 280mA	6.8	H-114 * 80
<b>5</b>	PW400GY-845-115	115V/230V	5V/4A ,0-26-150V / 200mA ,0-300-400V / 150mA ,0-750-800-900V / 280mA	6.8	H-114 * 80
<b>6</b>	PW400GY-845-120	120V/240V	5V/4A ,0-26-150V / 200mA ,0-300-400V / 150mA ,0-750-800-900V / 280mA	6.8	H-114 * 80
<b>7</b>	PW400GY-845-230	220V/230V	5V/4A ,0-26-150V / 200mA ,0-300-400V / 150mA ,0-750-800-900V / 280mA	6.8	H-114 * 80
<b>8</b>	PW400GY-DY-SG	120V/240V	0-100V/150mA ,0-420-450V / 500mA	6.8	H-114 * 80
<b>9</b>	PW600GY-805AB	220V/230V	0-26-150V/200mA ,390-320-0-320-390V / 150mA ,0-750-800-900V / 450mA	8.3	H-133 * 70
<b>10</b>	PW700GY-833A	220V/230V	0-26-150V/200mA ,0-260-300V / 200mA ,0-850-1000-1100-1200-1250V / 300mA	9.45	H-133 * 80
<b>11</b>					

## Filament power supply

	A	B	C	D	E
<b>1</b>	Model	Input Voltage	The output voltage	Weight (kg)	Installation
<b>2</b>	PW15-110-10HS	100V/110V	0-5-7.5-10V/1A	0.6	F-57 * 30
<b>3</b>	PW15-220-10HS	220V/230V	0-5-7.5-10V/1A	0.6	F-57 * 30
<b>4</b>	PW120DS-230	220V/230V	5V × 2/2A, 6.3V × 4/2A	2.6	E-85 * 55
<b>5</b>	PW150DS-10-6.3-230	220V/230V	6.3V × 2/3A, 10V × 2/4A	3.5	V-96 * 55
<b>6</b>	PW200DS-2X10-110	110V/220V	0-5-6.3V/3A, 6.3V/4A, 10V × 2/4A, 12V/1A	3.9	H-96 * 65
<b>7</b>	PW200DS-2X10-115	115V/230V	0-5-6.3V/3A, 6.3V/4A, 10V × 2/4A, 12V/1A	3.9	H-96 * 65
<b>8</b>	PW200DS-2X10-120	120V/240V	0-5-6.3V/3A, 6.3V/4A, 10V × 2/4A, 12V/1A	3.9	H-96 * 65
<b>9</b>	PW200DS-2X10-230	220V/230V	0-5-6.3V/3A, 6.3V/4A, 10V × 2/4A, 12V/1A	3.9	H-96 * 65
<b>10</b>	PW250HS	220V/230V/240V	(0-3.5-5V) × 2/5A, 5V × 2/8A ,0-6 .3-10V/2A	4.1	H-96 * 70
<b>11</b>	PW300DS-230-805	220V/230V	5V × 2/4A, 6.3V/2A, (0-5-6.3V) × 2/4A, 10V × 2/6A	5.6	H-114 * 65
<b>12</b>	PW300DS-230-833	220V/230V	2.5V × 2/6A ,0-4-5-6 .3V/4A, 6.3V/4A, 10V/10A	5.6	H-114 * 65
<b>13</b>					

## Isolated Power Supply

	A	B	C	D	E	F
<b>1</b>	Model	Output power (V)	Input Voltage	The output voltage	Weight (kg)	Installation
<b>2</b>	PW50GL-230	50	220V/230V/240V	110V × 2/200mA	1.6	V-76 * 40
<b>3</b>	PW700GL-230	700	210/220/230/240/250V	110V × 2/3A ,0-6 .3-100-110V/1A	9.8	H-133 * 80
<b>4</b>						

## DAC power

	A	B	C	D	E
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1	Model	Input Voltage	The output voltage	Weight (kg)	Installation
2	PW30-12 DAC	220V/230V	0-8.5-12V/850mA	1.1	F-66 * 33
3	PW30-15X2 DAC	220V/230V	15V-0-15V/500mA	1.1	F-66 * 33
4	PW50-12 DAC	220V/230V	0-8.5-12V/2A	1.6	V-76 * 40
5	PW50-15X2 DAC	220V/230V	15V-0-15V/1A	1.6	V-76 * 40
6					

Chokes

	A	B	C	D	E	F
1	Model	Specification			Weight (kg)	Installation
2		Inductance (H)	Current (mA)	DC resistance (Ω)		
3	1.5H300mA	1.5	300	25	0.75	F-57 * 30
4	5H150mA	5	150	68	0.6	F-57 * 30
5	5H500mA	5	500	19.6	2.2	H-76 * 55
6	5H500mA	5	500	19.6	2.2	V-76 * 55
7	5H500mA	5	500	19.6	2.9	SB
8	10H150mA	10	150	105	1.1	F-66 * 33
9	10H150mA	10	150	105	1.2	SM
10	10H250mA	10	250	75	2.2	H-76 * 55
11	10H250mA	10	250	75	2.2	V-76 * 55
12	10H250mA	10	250	75	2.9	SB
13						

Enter

	A	B	C	D	E	F	G	H
1	Model	Primary impedance (kΩ)	Turns Ratio		Frequency Response	Weight (kg)	Installation	Be applicable
2	PM30Ω: 7K	30Ω	1:13.5	R = 30Ω	5Hz-61KHz (3dB)	0.8	SW	Phono
3	PM100Ω: 47K	100Ω	1:19.5	R = 6Ω	5Hz-61KHz (3dB)	0.8	SW	Phono
4	PM600Ω: 12K +12 K	150Ω +150 Ω (600Ω)	1 +1:6 +6	R = 600Ω	8Hz-40KHz (3dB)	0.8	SW	Pre-
5	PM600Ω: 600Ω	150Ω +150 Ω (600Ω)	1 +1:1 +1	R = 600Ω	9Hz-100KHz (1dB)	0.2	SP	Pre-
6	PM600Ω: 12K +12 K	600Ω	1:4 +4	R = 600Ω	10Hz-35KHz (3dB)	0.2	SP	Pre-
7	PM600Ω: 30K	150Ω +150 Ω (600Ω)	1 +1:13.6	R = 600Ω	7Hz-60KHz (3dB)	0.2	SP	Pre-
8	PM600Ω: 30K XLR	150Ω +150 Ω (600Ω)	1 +1:6.8 +6.8	R = 600Ω	5Hz-70KHz (3dB)	0.8	SW	Pre-
9	PM1K/4.5K	1KΩ	1 +1:2 +2	R = 600Ω	10Hz-35KHz (3dB)	0.2	SP	Pre-
10								

Promote

	A	B	C	D	E	F	G	H	I
1	Model	Primary	Direct	Turns Ratio	Frequency Response	Net weight	Installation	Be applicable	

<b>2</b>		Impedance	current (mA)			(Kg)		
<b>3</b>	TD3.5K/10K	3.5KΩ	60	01:02.0	Ri = 800Ω	1.2	SS	2A3, 300B, 6C45
<b>4</b>					5Hz-50KHz (3dB)			
<b>5</b>	TD3.5K/600Ω	3.5KΩ	60	01:00.0	Ri = 800Ω	1.2	SS	2A3, 300B, 6C45
<b>6</b>					7Hz-55KHz (3dB)			
<b>7</b>	TD5K/6.6K	5KΩ	30	01:01.0	Ri = 1KΩ	1.2	SS	6V6, 6F6
<b>8</b>					11Hz-45KHz (3dB)			EL34, 5687
<b>9</b>	PM5K/2.8 +2.8	5KΩ	40	1:1 +1	Ri = 1.2KΩ	1.2	SS	6V6, 6F6, EL34
<b>10</b>					6Hz-38KHz (1dB)			56,875,842
<b>11</b>	PM5K/4.5 +4.5	5KΩ	40	1:1 +1	Ri = 1.2KΩ	1.2	SS	6V6, 6F6, EL34
<b>12</b>					6Hz-40KHz (1dB)			56,875,842
<b>13</b>	PM7K/13K	7KΩ	20	01:02.0	Ri = 3.5KΩ	1.2	SS	6SN7
<b>14</b>					5Hz-40KHz (3dB)			CV181 Parallel
<b>15</b>	PM15K/18K	15KΩ	20	01:01.0	Ri = 7.5KΩ	1.2	SS	6SN7
<b>16</b>					8Hz-35KHz (3dB)			CV181, 12AU7
<b>17</b>								

Export

	A	B	C	D	E	F	G	H	I	J
<b>1</b>	Preamp output transformer									
<b>2</b>	Model	Output power (W)	Primary impedance (kΩ)	Secondary Impedance (Ω)	Direct current (mA)	Dielectric strength	Frequency Response	Weight (kg)	Installation	Scope
<b>3</b>	OP5K5A	5	5	150 +150 / 600	50	200MΩ, DC2000V/1min	12Hz-50KHz (3dB)	0.7	SM	E88CC, 5687,6 C45, 5842
<b>4</b>	OP9K150 +150	8	9	150 +150 / 600	40	200MΩ, DC2000V/1min	12Hz-50KHz (3dB)	1.2	SM	E88CC, 5687,6 C45, 5842
<b>5</b>	PM5K/150 +150	8	5	150 +150 / 600	40	100MΩ, DC2000V/1min	12Hz-73KHz (1dB)	1.2	SM	6C45, WE417, 5687, E88CC
<b>6</b>	PM10K/150 +150	8	10	150 +150 / 600	20	100MΩ, DC2000V/1min	5Hz-40KHz (3dB)	1.2	SM	(6SN7, CV181 Parallel), WE101
<b>7</b>	PM20K/150 +150	8	20	150 +150 / 600	20	100MΩ, DC2000V/1min	6Hz-30KHz (3dB)	1.2	SM	6SN7, CV181, 12AU7
<b>8</b>	Single-ended output transformer									
<b>9</b>	Model	Output power (W)	Primary impedance (kΩ)	Secondary Impedance (Ω)	Direct current (mA)	Dielectric strength	Frequency Response	Weight (kg)	Installation	Scope
<b>10</b>	OP2.5K15A	15	2.5	4Ω, 8Ω	80	71MΩ, DC2000V/1min	20Hz-55KHz (1dB), 15Hz-75KHz (3dB)	2.0	H-76 * 55	2A3, 6A3, 6B4G
<b>11</b>	OP2.5K15A-16	15	2.5	8Ω, 16Ω	80	57MΩ, DC2000V/1min	20Hz-55KHz (1dB), 15Hz-75KHz (3dB)	2.0	H-76 * 55	2A3, 6A3, 6B4G
<b>12</b>	OP2.5K35A BG	35	2.5	4Ω, 8Ω	200	75MΩ, DC2000V/1min	15Hz-50KHz (1dB), 12Hz-70KHz (3dB)	3.6	V-96 * 60	2A3, 300B Parallel

<b>13</b>	OP3.5K15A	15	3.5	4Ω, 8Ω	100	69MΩ, DC2000V/1min	25Hz-26KHz (0.5dB), 18Hz-36KHz (1dB)	2.0	H-76 * 55	EL34, KT66, 6L6GC
<b>14</b>	OP3.5K25A	25	3.5	4Ω, 8Ω	100	100MΩ, DC2000V/1min	10Hz-50KHz (1dB), 5Hz-80KHz (3dB)	6.2	SB	300B, EL34, KT88, 6550
<b>15</b>	OP3.5K25A-600	25	3.5	150 +150 / 600						
<b>16</b>	OP3.5K35APRO	35	3.5	4Ω, 8Ω	100	41MΩ, DC2000V/1min	12Hz-45KHz (1dB), 10Hz-75KHz (3dB)	3.6	V-96 * 60	300B ONLY
<b>17</b>	OP3.5K35APRO-16	35	3.5	8Ω, 16Ω	120	62MΩ, DC2000V/1min	12Hz-45KHz (1dB), 10Hz-75KHz (3dB)	3.6	V-96 * 60	300B ONLY
<b>18</b>	OP3.6K35A	35	3.6	4Ω, 8Ω	150	47MΩ, DC2000V/1min	7Hz-50KHz (1dB), 5Hz-58KHz (3dB)	3.6	V-96 * 60	6550, EL156, KT88, 300B
<b>19</b>	OP4.2K10A	10	4.2	4Ω, 8Ω	80	100MΩ, DC2000V/1min	20Hz-34KHz (0.5dB), 12Hz-43KHz (1dB)	1.6	V-96 * 60	6L6, 6V6, KT66
<b>20</b>	OP5.5K5A	5	5.5	8Ω, 32Ω	50	200MΩ, DC2000V/1min	90Hz-55KHz (0.5dB), 20Hz-60KHz (3dB)	0.7	SS	EL84, 6C45, 5687 Earphone
<b>21</b>	OP5K8A	8	5	4Ω, 8Ω	80	111MΩ, DC2000V/1min	20Hz-25KHz (1dB), 11Hz-45KHz (3dB)	1.3	SS	6V6, 6BQ5, 6F6, 7189A, EL84
<b>22</b>	OP5K8A-16	8	5	8Ω, 16Ω	80	125MΩ, DC2000V/1min	20Hz-25KHz (1dB), 11Hz-45KHz (3dB)	1.3	SS	6V6, 6BQ5, 6F6, 7189A, EL84
<b>23</b>	OP5K8A-600	8	5	150 +150 / 600						
<b>24</b>	OP650-35A	35	0.65	4Ω, 8Ω	300	62MΩ, DC2000V/1min	15Hz-80KHz (0.5dB), 10Hz-115KHz (1dB)	3.7	V-96 * 60	6C33C
<b>25</b>	OP9K50APRO	50	9	4Ω, 8Ω	150	36MΩ, DC2000V/1min	10Hz-40KHz (1dB), 12Hz-50KHz (3dB)	6.0	V-114 * 70	211,813,845
<b>26</b>	OP9K50APRO-16			8Ω, 16Ω						
<b>27</b>	OP7.5K50AFB	50	7.5	4Ω, 8Ω	150	33MΩ, DC2000V/1min	20Hz-20KHz (0.5dB), 5Hz-42KHz (3dB)	5.5	V-114 * 70	211,805,813,845
<b>28</b>	OP7.5K50AUL	50	7.5	4Ω, 8Ω	150	30MΩ, DC2000V/1min	20Hz-20KHz (1dB), 5Hz-33KHz (3dB)	5.5	V-114 * 70	211,805,813,845
<b>29</b>	OP8K40A	40	8	4Ω, 8Ω	150	100MΩ, DC2000V/1min	13Hz-25KHz (1dB), 5Hz-33KHz (3dB)	4.4	V-105 * 60	211,845
<b>30</b>	Push-pull output transformer									
<b>31</b>	Model	Output power (W)	Primary impedance (kΩ)	Secondary Impedance (Ω)	Direct current (mA)	Dielectric strength	Frequency Response	Weight (kg)	Installation	Scope

<b>32</b>	OP2.5K80AB	80	2.5	4Ω, 8Ω	200	220MΩ, DC2000V/1min	6Hz-26KHz (1dB), 5Hz-30KHz (3dB)	4.4	V-105 * 60	EL34, 6L6 Parallel
<b>33</b>	OP2.5K150AB-BG	150	2.5	4Ω, 8Ω	300	220MΩ, DC2000V/1min	8Hz-25KHz (1dB)	6.0	H-114 * 70	KT88, 6550 Parallel
<b>34</b>	OP5K30AB	30	5	4Ω, 8Ω	80	105MΩ, DC2000V/1min	15Hz-52KHz (0.5dB), 10Hz-54KHz (1dB)	2.0	H-76 * 50	6L6, EL84, KT66, 5881
<b>35</b>	OP5K30AB-15			11Ω, 15Ω						
<b>36</b>	OP5K50AB	50	5	4Ω, 8Ω	200	62MΩ, DC2000V/1min	14Hz-40KHz (0.5dB), 10Hz-55KHz (1dB)	3.3	V-96 * 50	EL34, 6L6GC, KT88, 6550
<b>37</b>	OP5K60ABPRO	60	5	4Ω, 8Ω	200	55MΩ, DC2000V/1min	10Hz-42KHz (1dB), 10Hz-60KHz (3dB)	3.5	V-96 * 60	2A3, 300B
<b>38</b>	OP5K80AB	80	5	4Ω, 8Ω	200	60MΩ, DC2000V/1min	20Hz-30KHz (1dB), 7Hz-40KHz (3dB)	3.5	V-106 * 60	KT88, 6550,807, FD422
<b>39</b>	OP9K10AB	10	9	4Ω, 8Ω	85	105MΩ, DC2000V/1min	15Hz-30KHz (1dB), 10Hz-40KHz (3dB)	1.3	SS	6V6, 6AQ5, QQE03-12
<b>40</b>	OP10K15AB	15	10	4Ω, 8Ω	80	111MΩ, DC2000V/1min	17Hz-50KHz (1dB), 13Hz-70KHz (3dB)	1.6	V-76 * 40	EL84, 6B4G, 6V6
<b>41</b>										

## Guitar

	<b>A</b>	<b>B</b>	<b>C</b>
<b>1</b>	Model	OP4.5K60GITAR	OP7K40GITAR
<b>2</b>	Output power (W)	60	40
<b>3</b>	Primary impedance (kΩ)	4.5	7
<b>4</b>	Secondary Impedance (Ω)	4Ω, 8Ω, 16Ω	4Ω, 8Ω
<b>5</b>	Direct current (mA)	200	150
<b>6</b>	Dielectric strength	52MΩ, DC2000V/1min	100MΩ, DC2000V/1min
<b>7</b>	Frequency Response	8Hz-25KHz (1dB) 5Hz-45KHz (3dB)	20Hz-34KHz (1dB) 12Hz-41KHz (3dB)
<b>8</b>	Weight (kg)	3.3	2.8
<b>9</b>	Installation	V-96 * 55	V-85 * 55
<b>10</b>	Scope	EL34, 6L6GC	EL84, 6B4G, 6V6
<b>11</b>			