



Datasheet SAW24 SERIES

ENGLISH



GS & UK (CE) & cUL/UL & FCC & PSE & BS & SAA Adaptor

Features

10mA Minimum Load Current

Class B

<0.25mA Leakage Current

Compact Size

CEC Level IV Compliant:

1. Input 115V 50/60Hz: Yes, except 6V/4A & 7V/3.42A
2. Input 230V 50/60Hz: Yes, except 18V, 20V & 24V versions

Applications

For General Information Technology Equipment

Safety Approvals

GS Adaptor: TUV/GS

UK Adaptor: TUV / GS

cUL/UL Adaptor: cUL/UL FCC

PSE Adaptor: PSE

SAA Adaptor: SAA

Meeting EU RoHS Directive

Mechanical Characteristics

Length: 92mm (3.62in)



Height: 30mm (1.18in)

Width: 54mm (2.16in)

Weight: For example in the Following:

GS(Direct Plug-in): 180g (6.35oz.)

UK(Direct Plug-in): 173g (6.10oz.)

GS & UK & Others (Desk-top, None Input Cable): 180g (6.35oz.)

SAW24 CHARACTERISTICS

INPUT:

AC Input Voltage Rating: 100-240VAC

AC Input Voltage Range: 90-264VAC

AC Input Frequency: 47-63 Hz

Input Current: 1.5A(rms) max.

Leakage Current: 0.25mA max.

Inrush Current (cold): 40A for 120VAC at max. load, and 60A for 240VAC at max. load.
(Cold start @ ambient 25 °C)

OUTPUT:

Efficiency: 70-80% min.

Hold-up Time: 100 ms min. @ 120VAC and max. load

Over Voltage Protection: By Zener clamping, adapter will be shut down

Over Current Protection: Output equipped with short circuit protection – auto restart

Short Circuit Protection: Output can be shorted without damage

ENVIRONMENTAL:

Temperature:

Operation: 0 to +40 °C

Non-operation: -25 to +75 °C

Humidity: Operation: 20 to 90%

Emissions

FCC Class B

EN55022, EN55024 Class B

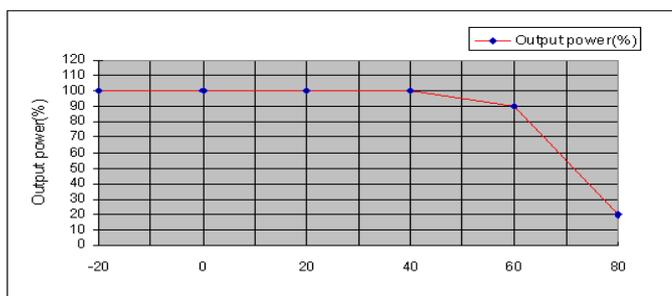
Dielectric Withstand (Hi-pot) Test

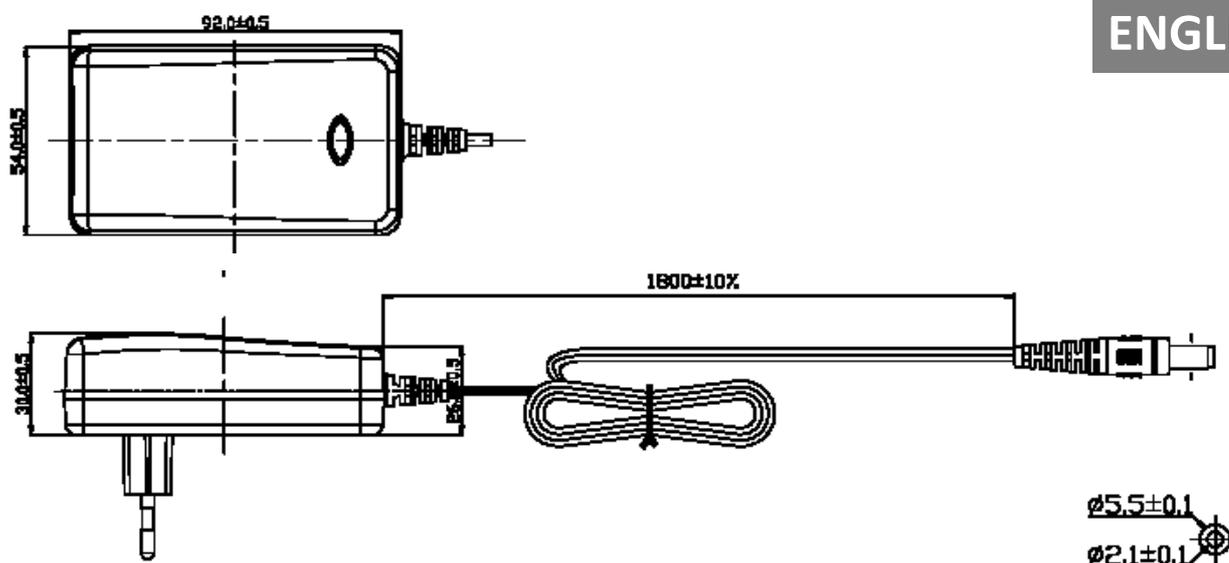
Primary to Secondary: 3000VAC for 1 minute, 10mA

DC Output Connector

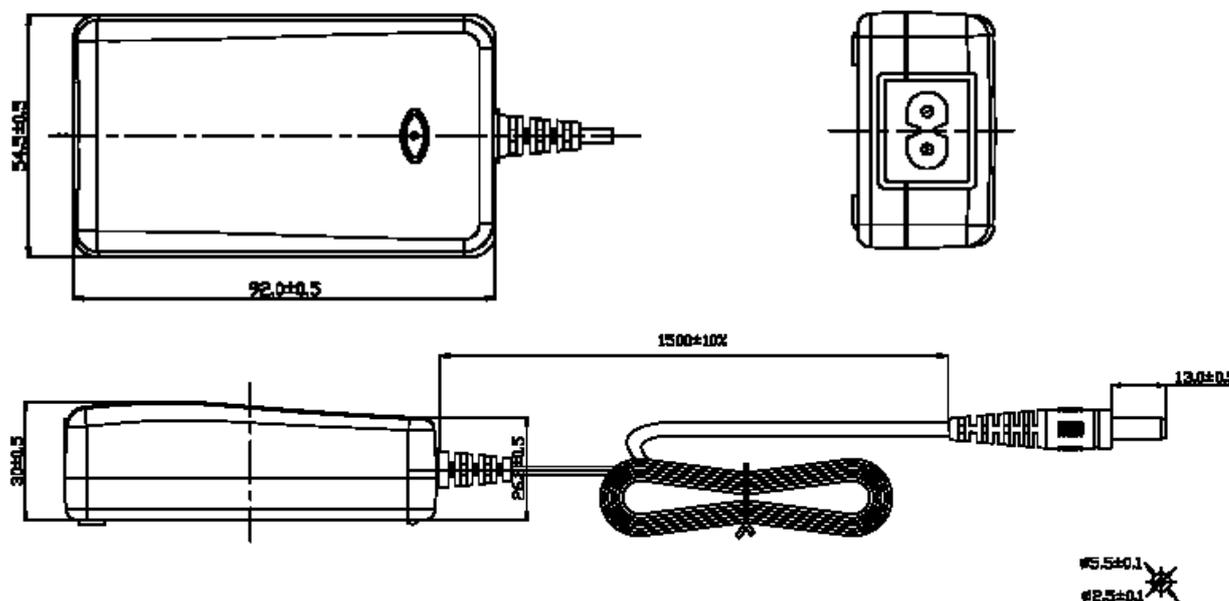
2.1x5.5mm Center Positive Standard

Temperature de-rating graph





Desk-top Type



SAW24 Series Adaptor Series Model List:

SAW24-xx.x-yyyyM

xx.x denote output voltage from 03.0V-30.0V

yyyy denote output current from 0010mA-4000mA

M=CE denote GS/CE/VDE

M=BS denote BSI1363

M=SA denote SAA

M=US denote UL/CSA/BSMI/PSE

M=CN denote CCC

M=Blank denote Desk-top



ENGLISH

No	Model No.	DC output voltage (V)	Min. Rated output current (mA)	Max. Rated output current (mA)	Max. output power (VA)
1	SAW24-03.0-yyyyM	3.0	10.0	3,000	9.00
2	SAW24-03.1-yyyyM	3.1	10.0	3,000	9.30
3	SAW24-03.2-yyyyM	3.2	10.0	3,000	9.60
4	SAW24-03.3-yyyyM	3.3	10.0	3,000	9.90
5	SAW24-03.4-yyyyM	3.4	10.0	3,000	10.20
6	SAW24-03.5-yyyyM	3.5	10.0	3,000	10.50
7	SAW24-03.6-yyyyM	3.6	10.0	3,000	10.80
8	SAW24-03.7-yyyyM	3.7	10.0	3,000	11.10
9	SAW24-03.8-yyyyM	3.8	10.0	3,000	11.40
10	SAW24-03.9-yyyyM	3.9	10.0	3,000	11.70
11	SAW24-04.0-yyyyM	4.0	10.0	3,000	12.00
12	SAW24-04.1-yyyyM	4.1	10.0	3,000	12.30
13	SAW24-04.2-yyyyM	4.2	10.0	3,000	12.60
14	SAW24-04.3-yyyyM	4.3	10.0	3,000	12.90
15	SAW24-04.4-yyyyM	4.4	10.0	3,000	13.20
16	SAW24-04.5-yyyyM	4.5	10.0	3,000	13.50
17	SAW24-04.6-yyyyM	4.6	10.0	3,000	13.80
18	SAW24-04.7-yyyyM	4.7	10.0	3,000	14.10
19	SAW24-04.8-yyyyM	4.8	10.0	3,000	14.40
20	SAW24-04.9-yyyyM	4.9	10.0	3,000	14.70
21	SAW24-05.0-yyyyM	5.0	10.0	4,000	20.00
22	SAW24-05.1-yyyyM	5.1	10.0	4,000	20.40
23	SAW24-05.2-yyyyM	5.2	10	4,000	20.80
24	SAW24-05.3-yyyyM	5.3	10.0	4,000	21.20
25	SAW24-05.4-yyyyM	5.4	10.0	4,000	21.60
26	SAW24-05.5-yyyyM	5.5	10.0	4,000	22.00
27	SAW24-05.6-yyyyM	5.6	10.0	4,000	22.40
28	SAW24-05.7-yyyyM	5.7	10.0	4,000	22.80
29	SAW24-05.8-yyyyM	5.8	10.0	4,000	23.20
30	SAW24-05.9-yyyyM	5.9	10.0	4,000	23.60
31	SAW24-06.0-yyyyM	6.0	10.0	4,000	24.00
32	SAW24-06.1-yyyyM	6.1	10.0	3,934	24.00
33	SAW24-06.2-yyyyM	6.2	10.0	3,871	24.00
34	SAW24-06.3-yyyyM	6.3	10.0	3,810	24.00
35	SAW24-06.4-yyyyM	6.4	10.0	3,750	24.00
36	SAW24-06.5-yyyyM	6.5	10.0	3,692	24.00
37	SAW24-06.6-yyyyM	6.6	10.0	3,636	24.00
38	SAW24-06.7-yyyyM	6.7	10.0	3,582	24.00
39	SAW24-06.8-yyyyM	6.8	10.0	3,529	24.00
40	SAW24-06.9-yyyyM	6.9	10.0	3,478	24.00
41	SAW24-07.0-yyyyM	7.0	10.0	3,429	24.00
42	SAW24-07.1-yyyyM	7.1	10.0	3,380	24.00
43	SAW24-07.2-yyyyM	7.2	10.0	3,333	24.00
44	SAW24-07.3-yyyyM	7.3	10.0	3,288	24.00
45	SAW24-07.4-yyyyM	7.4	10.0	3,243	24.00
46	SAW24-07.5-yyyyM	7.5	10.0	3,200	24.00
47	SAW24-07.6-yyyyM	7.6	10.0	3,158	24.00
48	SAW24-07.7-yyyyM	7.7	10.0	3,117	24.00
49	SAW24-07.8-yyyyM	7.8	10.0	3,077	24.00
50	SAW24-07.9-yyyyM	7.9	10.0	3,038	24.00

No	Model No.	DC output voltage (V)	Min. Rated output current (mA)	Max. Rated output current (mA)	Max. output power (VA)
51	SAW24-08.0-yyyyM	8.0	10.0	3,000	24.00
52	SAW24-08.1-yyyyM	8.1	10.0	2,963	24.00
53	SAW24-08.2-yyyyM	8.2	10.0	2,927	24.00
54	SAW24-08.3-yyyyM	8.3	10.0	2,892	24.00
55	SAW24-08.4-yyyyM	8.4	10.0	2,857	24.00
56	SAW24-08.5-yyyyM	8.5	10.0	2,824	24.00
57	SAW24-08.6-yyyyM	8.6	10.0	2,791	24.00
58	SAW24-08.7-yyyyM	8.7	10.0	2,759	24.00
59	SAW24-08.8-yyyyM	8.8	10.0	2,727	24.00
60	SAW24-08.9-yyyyM	8.9	10.0	2,697	24.00
61	SAW24-09.0-yyyyM	9.0	10.0	2,667	24.00
62	SAW24-09.1-yyyyM	9.1	10.0	2,637	24.00
63	SAW24-09.2-yyyyM	9.2	10.0	2,609	24.00
64	SAW24-09.3-yyyyM	9.3	10.0	2,581	24.00
65	SAW24-09.4-yyyyM	9.4	10.0	2,553	24.00
66	SAW24-09.5-yyyyM	9.5	10.0	2,526	24.00
67	SAW24-09.6-yyyyM	9.6	10.0	2,500	24.00
68	SAW24-09.7-yyyyM	9.7	10.0	2,474	24.00
69	SAW24-09.8-yyyyM	9.8	10.0	2,449	24.00
70	SAW24-09.9-yyyyM	9.9	10.0	2,424	24.00
71	SAW24-10.0-yyyyM	10.0	10.0	2,400	24.00
72	SAW24-10.1-yyyyM	10.1	10.0	2,376	24.00
73	SAW24-10.2-yyyyM	10.2	10.0	2,353	24.00
74	SAW24-10.3-yyyyM	10.3	10.0	2,330	24.00
75	SAW24-10.4-yyyyM	10.4	10.0	2,308	24.00
76	SAW24-10.5-yyyyM	10.5	10	2,286	24.00
77	SAW24-10.6-yyyyM	10.6	10.0	2,264	24.00
78	SAW24-10.7-yyyyM	10.7	10.0	2,243	24.00
79	SAW24-10.8-yyyyM	10.8	10.0	2,222	24.00
80	SAW24-10.9-yyyyM	10.9	10.0	2,202	24.00
81	SAW24-11.0-yyyyM	11.0	10.0	2,182	24.00
82	SAW24-11.1-yyyyM	11.1	10.0	2,162	24.00
83	SAW24-11.2-yyyyM	11.2	10.0	2,143	24.00
84	SAW24-11.3-yyyyM	11.3	10.0	2,124	24.00
85	SAW24-11.4-yyyyM	11.4	10.0	2,105	24.00
86	SAW24-11.5-yyyyM	11.5	10.0	2,087	24.00
87	SAW24-11.6-yyyyM	11.6	10.0	2,069	24.00
88	SAW24-11.7-yyyyM	11.7	10.0	2,051	24.00
89	SAW24-11.8-yyyyM	11.8	10.0	2,034	24.00
90	SAW24-11.9-yyyyM	11.9	10.0	2,017	24.00
91	SAW24-12.0-yyyyM	12.0	10.0	2,000	24.00
92	SAW24-12.1-yyyyM	12.1	10.0	1,983	24.00
93	SAW24-12.2-yyyyM	12.2	10.0	1,967	24.00
94	SAW24-12.3-yyyyM	12.3	10.0	1,951	24.00
95	SAW24-12.4-yyyyM	12.4	10.0	1,935	24.00
96	SAW24-12.5-yyyyM	12.5	10.0	1,920	24.00
97	SAW24-12.6-yyyyM	12.6	10.0	1,905	24.00
98	SAW24-12.7-yyyyM	12.7	10	1,890	24.00
99	SAW24-12.8-yyyyM	12.8	10.0	1,875	24.00
100	SAW24-12.9-yyyyM	12.9	10.0	1,860	24.00



No	Model No.	DC output voltage (V)	Min. Rated output current (mA)	Max. Rated output current (mA)	Max. output power (VA)
101	SAW24-13.0-yyyyM	13.0	10.0	1,846	24.00
102	SAW24-13.1-yyyyM	13.1	10.0	1,832	24.00
103	SAW24-13.2-yyyyM	13.2	10.0	1,818	24.00
104	SAW24-13.3-yyyyM	13.3	10.0	1,805	24.00
105	SAW24-13.4-yyyyM	13.4	10.0	1,791	24.00
106	SAW24-13.5-yyyyM	13.5	10.0	1,778	24.00
107	SAW24-13.6-yyyyM	13.6	10.0	1,765	24.00
108	SAW24-13.7-yyyyM	13.7	10.0	1,752	24.00
109	SAW24-13.8-yyyyM	13.8	10.0	1,739	24.00
110	SAW24-13.9-yyyyM	13.9	10.0	1,727	24.00
111	SAW24-14.0-yyyyM	14.0	10.0	1,714	24.00
112	SAW24-14.1-yyyyM	14.1	10.0	1,702	24.00
113	SAW24-14.2-yyyyM	14.2	10.0	1,690	24.00
114	SAW24-14.3-yyyyM	14.3	10.0	1,678	24.00
115	SAW24-14.4-yyyyM	14.4	10.0	1,667	24.00
116	SAW24-14.5-yyyyM	14.5	10.0	1,655	24.00
117	SAW24-14.6-yyyyM	14.6	10.0	1,644	24.00
118	SAW24-14.7-yyyyM	14.7	10.0	1,633	24.00
119	SAW24-14.8-yyyyM	14.8	10.0	1,622	24.00
120	SAW24-14.9-yyyyM	14.9	10.0	1,611	24.00
121	SAW24-15.0-yyyyM	15.0	10.0	1,600	24.00
122	SAW24-15.1-yyyyM	15.1	10.0	1,589	24.00
123	SAW24-15.2-yyyyM	15.2	10.0	1,579	24.00
124	SAW24-15.3-yyyyM	15.3	10.0	1,569	24.00
125	SAW24-15.4-yyyyM	15.4	10.0	1,558	24.00
126	SAW24-15.5-yyyyM	15.5	10.0	1,548	24.00
127	SAW24-15.6-yyyyM	15.6	10.0	1,538	24.00
128	SAW24-15.7-yyyyM	15.7	10.0	1,529	24.00
129	SAW24-15.8-yyyyM	15.8	10.0	1,519	24.00
130	SAW24-15.9-yyyyM	15.9	10.0	1,509	24.00
131	SAW24-16.0-yyyyM	16.0	10.0	1,500	24.00
132	SAW24-16.1-yyyyM	16.1	10.0	1,491	24.00
133	SAW24-16.2-yyyyM	16.2	10.0	1,481	24.00
134	SAW24-16.3-yyyyM	16.3	10.0	1,472	24.00
135	SAW24-16.4-yyyyM	16.4	10	1,463	24.00
136	SAW24-16.5-yyyyM	16.5	10.0	1,455	24.00
137	SAW24-16.6-yyyyM	16.6	10.0	1,446	24.00
138	SAW24-16.7-yyyyM	16.7	10.0	1,437	24.00
139	SAW24-16.8-yyyyM	16.8	10.0	1,429	24.00
140	SAW24-16.9-yyyyM	16.9	10.0	1,420	24.00
141	SAW24-17.0-yyyyM	17.0	10.0	1,412	24.00
142	SAW24-17.1-yyyyM	17.1	10.0	1,404	24.00
143	SAW24-17.2-yyyyM	17.2	10.0	1,395	24.00
144	SAW24-17.3-yyyyM	17.3	10.0	1,387	24.00
145	SAW24-17.4-yyyyM	17.4	10.0	1,379	24.00
146	SAW24-17.5-yyyyM	17.5	10.0	1,371	24.00
147	SAW24-17.6-yyyyM	17.6	10.0	1,364	24.00

No	Model No.	DC output voltage (V)	Min. Rated output current (mA)	Max. Rated output current (mA)	Max. output power (VA)
148	SAW24-17.7-yyyyM	17.7	10.0	1,356	24.00
149	SAW24-17.8-yyyyM	17.8	10.0	1,348	24.00
150	SAW24-17.9-yyyyM	17.9	10.0	1,341	24.00
151	SAW24-18.0-yyyyM	18.0	10.0	1,333	24.00
152	SAW24-18.1-yyyyM	18.1	10.0	1,326	24.00
153	SAW24-18.2-yyyyM	18.2	10.0	1,319	24.00
154	SAW24-18.3-yyyyM	18.3	10.0	1,311	24.00
155	SAW24-18.4-yyyyM	18.4	10.0	1,304	24.00
156	SAW24-18.5-yyyyM	18.5	10.0	1,297	24.00
157	SAW24-18.6-yyyyM	18.6	10.0	1,290	24.00
158	SAW24-18.7-yyyyM	18.7	10.0	1,283	24.00
159	SAW24-18.8-yyyyM	18.8	10.0	1,277	24.00
160	SAW24-18.9-yyyyM	18.9	10.0	1,270	24.00
161	SAW24-19.0-yyyyM	19.0	10.0	1,263	24.00
162	SAW24-19.1-yyyyM	19.1	10.0	1,257	24.00
163	SAW24-19.2-yyyyM	19.2	10.0	1,250	24.00
164	SAW24-19.3-yyyyM	19.3	10.0	1,244	24.00
165	SAW24-19.4-yyyyM	19.4	10.0	1,237	24.00
166	SAW24-19.5-yyyyM	19.5	10.0	1,231	24.00
167	SAW24-19.6-yyyyM	19.6	10.0	1,224	24.00
168	SAW24-19.7-yyyyM	19.7	10.0	1,218	24.00
169	SAW24-19.8-yyyyM	19.8	10.0	1,212	24.00
170	SAW24-19.9-yyyyM	19.9	10.0	1,206	24.00
171	SAW24-20.0-yyyyM	20.0	10.0	1,200	24.00
172	SAW24-20.1-yyyyM	20.1	10.0	1,194	24.00
173	SAW24-20.2-yyyyM	20.2	10.0	1,188	24.00
174	SAW24-20.3-yyyyM	20.3	10.0	1,182	24.00
175	SAW24-20.4-yyyyM	20.4	10.0	1,176	24.00
176	SAW24-20.5-yyyyM	20.5	10.0	1,171	24.00
177	SAW24-20.6-yyyyM	20.6	10.0	1,165	24.00
178	SAW24-20.7-yyyyM	20.7	10.0	1,159	24.00
179	SAW24-20.8-yyyyM	20.8	10.0	1,154	24.00
180	SAW24-20.9-yyyyM	20.9	10.0	1,148	24.00
181	SAW24-21.0-yyyyM	21.0	10.0	1,143	24.00
182	SAW24-21.1-yyyyM	21.1	10.0	1,137	24.00
183	SAW24-21.2-yyyyM	21.2	10.0	1,132	24.00
184	SAW24-21.3-yyyyM	21.3	10.0	1,127	24.00
185	SAW24-21.4-yyyyM	21.4	10.0	1,121	24.00
186	SAW24-21.5-yyyyM	21.5	10.0	1,116	24.00
187	SAW24-21.6-yyyyM	21.6	10.0	1,111	24.00
188	SAW24-21.7-yyyyM	21.7	10.0	1,106	24.00
189	SAW24-21.8-yyyyM	21.8	10.0	1,101	24.00
190	SAW24-21.9-yyyyM	21.9	10.0	1,096	24.00
191	SAW24-22.0-yyyyM	22.0	10.0	1,091	24.00
192	SAW24-22.1-yyyyM	22.1	10.0	1,086	24.00
193	SAW24-22.2-yyyyM	22.2	10.0	1,081	24.00
194	SAW24-22.3-yyyyM	22.3	10.0	1,076	24.00



ENGLISH

No	Model No.	DC output voltage (V)	Min. Rated output current (mA)	Max. Rated output current (mA)	Max. output power (VA)
195	SAW24-22.4-yyyyM	22.4	10.0	1,071	24.00
196	SAW24-22.5-yyyyM	22.5	10.0	1,067	24.00
197	SAW24-22.6-yyyyM	22.6	10.0	1,062	24.00
198	SAW24-22.7-yyyyM	22.7	10.0	1,057	24.00
199	SAW24-22.8-yyyyM	22.8	10.0	1,053	24.00
200	SAW24-22.9-yyyyM	22.9	10.0	1,048	24.00
201	SAW24-23.0-yyyyM	23.0	10.0	1,043	24.00
202	SAW24-23.1-yyyyM	23.1	10.0	1,039	24.00
203	SAW24-23.2-yyyyM	23.2	10	1,034	24.00
204	SAW24-23.3-yyyyM	23.3	10.0	1,030	24.00
205	SAW24-23.4-yyyyM	23.4	10.0	1,026	24.00
206	SAW24-23.5-yyyyM	23.5	10.0	1,021	24.00
207	SAW24-23.6-yyyyM	23.6	10.0	1,017	24.00
208	SAW24-23.7-yyyyM	23.7	10.0	1,013	24.00
209	SAW24-23.8-yyyyM	23.8	10.0	1,008	24.00
210	SAW24-23.9-yyyyM	23.9	10.0	1,004	24.00
211	SAW24-24.0-yyyyM	24.0	10.0	1,000	24.00
212	SAW24-24.1-yyyyM	24.1	10.0	996	24.00
213	SAW24-24.2-yyyyM	24.2	10.0	992	24.00
214	SAW24-24.3-yyyyM	24.3	10.0	988	24.00
215	SAW24-24.4-yyyyM	24.4	10.0	984	24.00
216	SAW24-24.5-yyyyM	24.5	10.0	980	24.00
217	SAW24-24.6-yyyyM	24.6	10.0	976	24.00
218	SAW24-24.7-yyyyM	24.7	10.0	972	24.00
219	SAW24-24.8-yyyyM	24.8	10.0	968	24.00
220	SAW24-24.9-yyyyM	24.9	10.0	964	24.00
221	SAW24-25.0-yyyyM	25.0	10.0	960	24.00
222	SAW24-25.1-yyyyM	25.1	10.0	956	24.00
223	SAW24-25.2-yyyyM	25.2	10.0	952	24.00
224	SAW24-25.3-yyyyM	25.3	10.0	949	24.00
225	SAW24-25.4-yyyyM	25.4	10.0	945	24.00
226	SAW24-25.5-yyyyM	25.5	10.0	941	24.00
227	SAW24-25.6-yyyyM	25.6	10.0	938	24.00
228	SAW24-25.7-yyyyM	25.7	10.0	934	24.00
229	SAW24-25.8-yyyyM	25.8	10.0	930	24.00
230	SAW24-25.9-yyyyM	25.9	10.0	927	24.00
231	SAW24-26.0-yyyyM	26.0	10.0	923	24.00
232	SAW24-26.1-yyyyM	26.1	10.0	920	24.00
233	SAW24-26.2-yyyyM	26.2	10.0	916	24.00

No	Model No.	DC output voltage (V)	Min. Rated output current (mA)	Max. Rated output current (mA)	Max. output power (VA)
234	SAW24-26.3-yyyyM	26.3	10.0	913	24.00
235	SAW24-26.4-yyyyM	26.4	10.0	909	24.00
236	SAW24-26.5-yyyyM	26.5	10.0	906	24.00
237	SAW24-26.6-yyyyM	26.6	10.0	902	24.00
238	SAW24-26.7-yyyyM	26.7	10.0	899	24.00
239	SAW24-26.8-yyyyM	26.8	10	896	24.00
240	SAW24-26.9-yyyyM	26.9	10.0	892	24.00
241	SAW24-27.0-yyyyM	27.0	10.0	889	24.00
242	SAW24-27.1-yyyyM	27.1	10.0	886	24.00
243	SAW24-27.2-yyyyM	27.2	10.0	882	24.00
244	SAW24-27.3-yyyyM	27.3	10.0	879	24.00
245	SAW24-27.4-yyyyM	27.4	10.0	876	24.00
246	SAW24-27.5-yyyyM	27.5	10.0	873	24.00
247	SAW24-27.6-yyyyM	27.6	10.0	870	24.00
248	SAW24-27.7-yyyyM	27.7	10.0	866	24.00
249	SAW24-27.8-yyyyM	27.8	10.0	863	24.00
250	SAW24-27.9-yyyyM	27.9	10.0	860	24.00
251	SAW24-28.0-yyyyM	28.0	10.0	857	24.00
252	SAW24-28.1-yyyyM	28.1	10.0	854	24.00
253	SAW24-28.2-yyyyM	28.2	10.0	851	24.00
254	SAW24-28.3-yyyyM	28.3	10.0	848	24.00
255	SAW24-28.4-yyyyM	28.4	10.0	845	24.00
256	SAW24-28.5-yyyyM	28.5	10.0	842	24.00
257	SAW24-28.6-yyyyM	28.6	10.0	839	24.00
258	SAW24-28.7-yyyyM	28.7	10.0	836	24.00
259	SAW24-28.8-yyyyM	28.8	10.0	833	24.00
260	SAW24-28.9-yyyyM	28.9	10.0	830	24.00
261	SAW24-29.0-yyyyM	29.0	10.0	828	24.00
262	SAW24-29.1-yyyyM	29.1	10.0	825	24.00
263	SAW24-29.2-yyyyM	29.2	10.0	822	24.00
264	SAW24-29.3-yyyyM	29.3	10.0	819	24.00
265	SAW24-29.4-yyyyM	29.4	10.0	816	24.00
266	SAW24-29.5-yyyyM	29.5	10.0	814	24.00
267	SAW24-29.6-yyyyM	29.6	10.0	811	24.00
268	SAW24-29.7-yyyyM	29.7	10.0	808	24.00
269	SAW24-29.8-yyyyM	29.8	10.0	805	24.00
270	SAW24-29.9-yyyyM	29.9	10.0	803	24.00
271	SAW24-30.0-yyyyM	30.0	10.0	800	24.00