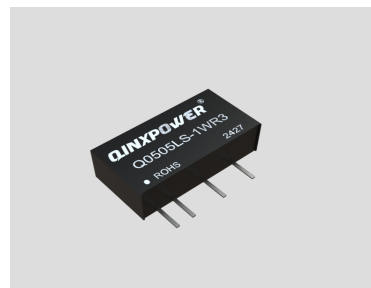
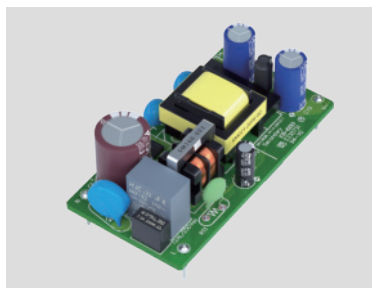
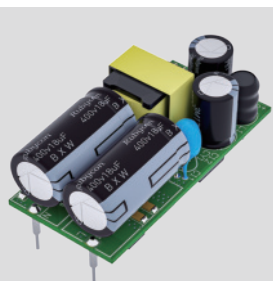
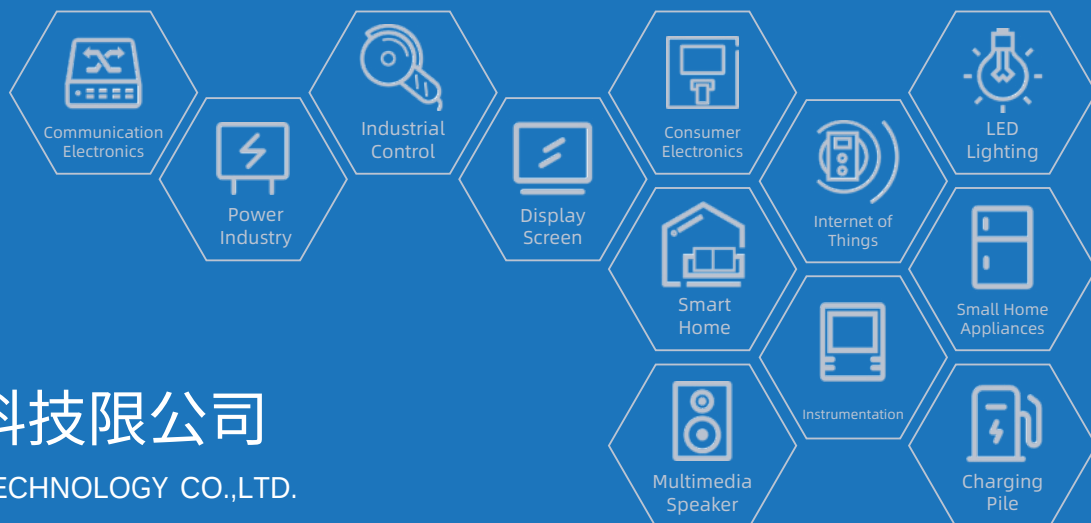


PRODUCT >>> SELECTION GUIDE



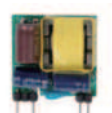
AC-DC/DC-DC (Bare Board) Built-in Power Supply、Glue pouring module series、Customized Collection

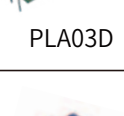


深圳青希科技有限公司

SHENZHEN QINX TECHNOLOGY CO.,LTD.

Substrate type PL economy series

Number	Image/Model	Single/ Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
1	 PLA02A	Single	3.3V	0.6A	L: 30mm W: 16mm H: 15mm	2W	3KV	AC/DC universal	Internet of Things Smart Home Small Home Appliances	With T-pin Complies with Level 6 energy efficiency
			5V	0.4A				85-264VAC		
			9V	0.22A				110-370VDC		
			12V	0.16A				voltage accuracy: $\pm 1\% \sim \pm 3\%$		
			15V	0.13A				ripple:100mV		
			24V	0.083A				efficiency:80% (typical value) standby power: $\leq 100\text{mW}$		
2	 PLC03B	Single	3.3V	0.7A	L: 40mm W: 15mm H: 15mm	3W	3KV	AC/DC universal	Internet of Things Smart Home Small Home Appliances	With T-pin Complies with Level 6 energy efficiency
			5V	0.6A				85-264VAC		
			9V	0.33A				110-370VDC		
			12V	0.25A				voltage accuracy: $\pm 1\% \sim \pm 3\%$		
			15V	0.2A				ripple:100mV		
			24V	0.125A				efficiency:80% (typical value) standby power: $\leq 100\text{mW}$		
3	 PLC05B	Single	3.3V	1A	L: 40mm W: 15mm H: 15mm	5W	3KV	AC/DC universal	Internet of Things Smart Home Small Home Appliances	With T-pin Complies with Level 6 energy efficiency
			5V	1A				85-264VAC		
			9V	0.55A				110-370VDC		
			12V	0.42A				voltage accuracy: $\pm 1\% \sim \pm 3\%$		
			15V	0.33A				ripple:100mV		
			24V	0.2A				efficiency:80% (typical value) standby power: $\leq 100\text{mW}$		
4	 PLE05B	Single	3.3V	1A	L: 37mm W: 17.5mm H: 15mm	5W	3KV	AC/DC universal	Internet of Things Smart Home Small Home Appliances	SIP pin installation Complies with Level 6 energy efficiency
			5V	1A				85-264VAC		
			9V	0.55A				110-370VDC		
			12V	0.42A				voltage accuracy: $\pm 1\% \sim \pm 3\%$		
			15V	0.33A				ripple:100mV		
			24V	0.2A				efficiency:80% (typical value) standby power: $\leq 100\text{mW}$		
5	 PLE03A	Single	3.3V	0.7A	L: 38mm W: 18.6mm H: 18mm	3W	3KV	AC/DC universal	Internet of Things Smart Home Small Home Appliances	SIP pin installation Complies with Level 6 energy efficiency
			5V	0.6A				85-264VAC		
			9V	0.33A				110-370VDC		
			12V	0.25A				voltage accuracy: $\pm 1\% \sim \pm 3\%$		
			15V	0.2A				ripple:100mV		
			24V	0.125A				efficiency:80% (typical value) standby power: $\leq 100\text{mW}$		
6	 PLF03A	Single	3.3V	0.7A	L: 27.6mm W: 25mm H: 16mm	3W	3KV	AC/DC universal	Internet of Things Smart Home Small Home Appliances	SIP pin installation Complies with Level 6 energy efficiency
			5V	0.6A				85-264VAC		
			9V	0.33A				110-370VDC		
			12V	0.25A				voltage accuracy: $\pm 1\% \sim \pm 3\%$		
			15V	0.2A				ripple:100mV		
			24V	0.125A				efficiency:80% (typical value) standby power: $\leq 100\text{mW}$		
7	 PLF05A	Single	3.3V	1A	L: 27.6mm W: 25mm H: 16mm	5W	3KV	AC/DC universal	Internet of Things Smart Home Small Home Appliances	SIP pin installation Complies with Level 6 energy efficiency
			5V	1A				85-264VAC		
			9V	0.55A				110-370VDC		
			12V	0.42A				voltage accuracy: $\pm 1\% \sim \pm 3\%$		
			15V	0.33A				ripple:100mV		
			24V	0.2A				efficiency:80% (typical value) standby power: $\leq 100\text{mW}$		
8	 PLG03A	Single	3.3V	0.7A	L: 30mm W: 20mm H: 18mm	3W	3KV	AC/DC universal	Internet of Things Smart Home Small Home Appliances	With T-pin Complies with Level 6 energy efficiency
			5V	0.6A				85-264VAC		
			9V	0.33A				110-370VDC		
			12V	0.25A				voltage accuracy: $\pm 1\% \sim \pm 3\%$		
			15V	0.2A				ripple:100mV		
			24V	0.125A				efficiency:80% (typical value) standby power: $\leq 100\text{mW}$		
9	 PLG05A	Single	3.3V	1A	L: 30mm W: 20mm H: 18mm	5W	3KV	AC/DC universal	Internet of Things Smart Home Small Home Appliances	With T-pin Complies with Level 6 energy efficiency
			5V	1A				85-264VAC		
			9V	0.55A				110-370VDC		
			12V	0.42A				voltage accuracy: $\pm 1\% \sim \pm 3\%$		
			15V	0.33A				ripple:50mV		
			24V	0.2A				efficiency:80% (typical value) standby power: $\leq 100\text{mW}$		

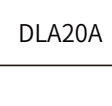
Number	Image/Model	Single/ Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
10	 PLH03A	Single	3.3V	0.7A	L: 33mm W: 20mm H: 15mm	3W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:100mV efficiency:80% (typical value) standby power: ≤100mW	Internet of Things Smart Home Small Home Appliances	SIP pin installation Complies with Level 6 energy efficiency
			5V	0.6A						
			9V	0.33A						
			12V	0.25A						
			15V	0.2A						
			24V	0.125A						
11	 PLB03A	Single	3.3V	0.8A	L: 40mm W: 15mm H: 18mm	3W	1.5KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:250mV efficiency:75% (typical value) standby power: ≤100mW	LED Lighting Small Home Appliances	Input and output pins can be installed
			5V	0.6A						
			9V	0.4A						
			12V	0.3A						
			15V	0.2A						
			24V	0.15A						
12	 PLB05A	Single	3.3V	1.2A	L: 40mm W: 15mm H: 18mm	5W	1.5KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:100mV efficiency:76% (typical value) standby power: ≤150mW	LED Lighting Small Home Appliances	Input and output pins can be installed
			5V	1A						
			9V	0.6A						
			12V	0.5A						
			15V	0.4A						
			24V	0.25A						
13	 PLB03C	Single	3.3V	0.909A	L: 41mm W: 15mm H: 27mm	3W	2KV	AC/DC universal 90-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:150mV Maximum conversion efficiency:77% standby power: ≤300mW	Smart Home Internet of Things Instrumentation	With T-pin
			5V	0.6A						
			9V	0.333A						
			12V	0.25A						
			15V	0.2A						
			24V	0.125A						
14	 PLB05C	Single	3.3V	1A	L: 41mm W: 15mm H: 27mm	5W	2KV	AC/DC universal 90-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:100mV Maximum conversion efficiency:79% standby power: ≤300mW	Smart Home Internet of Things Instrumentation	With T-pin
			5V	1A						
			9V	0.555A						
			12V	0.416A						
			15V	0.333A						
			24V	0.208A						
15	 PLA03C	Single	3.3V	0.8A	L: 30mm W: 20mm H: 18mm	3W	1.5KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:260mV efficiency:75% (typical value) standby power: ≤150mW	LED Lighting Small Home Appliances	Input and output pins can be installed
			5V	0.6A						
			9V	0.4A						
			12V	0.3A						
			15V	0.2A						
			24V	0.15A						
16	 PLA05C	Single	3.3V	1.2A	L: 30mm W: 20mm H: 18mm	5W	1.5KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:300mV efficiency:77% (typical value) standby power: ≤150mW	LED Lighting Small Home Appliances	Input and output pins can be installed
			5V	1A						
			9V	0.55A						
			12V	0.42A						
			15V	0.33A						
			24V	0.2A						
17	 PLA03D	Single	5.2V	0.5A	L: 40.6mm W: 14.6mm H: 14mm	3W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:50mV efficiency:73% (typical value) standby power: ≤100mW	Smart Home Small Home Appliances Internet of Things	With T-pin
			12V	0.25A						
			24V	0.125A						
18	 PLA05D	Single	3.3V	1.2A	L: 30mm W: 20mm H: 18mm	5W	1.5KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:300mV efficiency:76% (typical value) standby power: ≤100mW	LED Lighting Small Home Appliances	SIP pin installation
			5V	1A						
			9V	0.6A						
			12V	0.5A						
			15V	0.4A						
			24V	0.25A						

Number	Image/Model	Single/ Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
19	NEW  PLA03G	Single	3.3V	0.909A	L: 30mm W: 20mm H: 14mm	3W	2KV	AC/DC universal	Smart Home Internet of Things Instrumentation	With T-pin
			90-264VAC							
			110-370VDC							
			voltage accuracy: ±1%~±3%							
			ripple:150mV							
			Maximum conversion efficiency:77% standby power: ≤300mW							
20	NEW  PLA05G	Single	3.3V	1A	L: 30mm W: 20mm H: 14mm	5W	2KV	AC/DC universal	Smart Home Internet of Things Instrumentation	With T-pin
			90-264VAC							
			110-370VDC							
			voltage accuracy: ±1%~±3%							
			ripple:150mV							
			Maximum conversion efficiency:79% standby power: ≤300mW							
21	NEW  PLA03F	Single	5V	0.6A	L: 30mm W: 20mm H: 27mm	3W	2KV	AC/DC universal	Smart Home Internet of Things Instrumentation	With T-pin
			90-264VAC							
			110-370VDC							
22	NEW  PLA05F	Single	12V	0.25A	L: 30mm W: 20mm H: 25mm	5W	2KV	voltage accuracy: ±1%~±3%	Smart Home Internet of Things Instrumentation	With T-pin
			24V	0.125A				ripple:200mV		
			efficiency:72% (typical value) standby power: ≤300mW							
23	NEW  PLG06A	Single	5V	1A	L: 30mm W: 20mm H: 25mm	5W	2KV	AC/DC universal	Smart Home Internet of Things Instrumentation	With T-pin
			12V	0.416A				90-264VAC		
			24V	0.208A				110-370VDC		
24	NEW  PLG06C	Single	3.3V	1.2A	L: 51mm W: 23mm H: 18mm	6W	1.5KV	voltage accuracy: ±1%~±3%	LED Lighting Small Home Appliances	With mounting holes
			5V	1A				ripple:50mV		
			9V	0.6A				efficiency:76% (typical value) standby power: ≤150mW		
			12V	0.5A						
			15V	0.4A						
			24V	0.25A						
25	NEW  PLG06D	Single	3.3V	1.8A	L: 46mm W: 24mm H: 21mm	6W	3KV	AC/DC universal	Consumer Electronics Internet of Things	SIP pin installation
			90-264VAC							
			110-370VDC							
			voltage accuracy: ±1%~±3%							
			ripple:100mV							
			efficiency:82% (typical value) standby power: ≤300mW							
26	NEW  PLG06E	Single	3.3V	1.8A	L: 51mm W: 24mm H: 26mm	6W	2KV	AC/DC universal	Smart Home Internet of Things Instrumentation	SIP pin installation
			90-264VAC							
			110-370VDC							
			voltage accuracy: ±1%~±3%							
			ripple:100mV							
			efficiency:80% (typical value) standby power: ≤300mW							
27	NEW  PLG06F	Single	3.3V	1.8A	L: 61mm W: 26mm H: 21mm	6W	3KV	AC/DC universal	Industrial Control	SIP pin installation
			90-264VAC							
			110-370VDC							
			voltage accuracy: ±1%~±3%							
			ripple:100mV							
			efficiency:80% (typical value) standby power: ≤300mW							

Number	Image/Model	Single/ Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
28	 PLH12A	Single	5V	1.5A	L: 49mm W: 31mm H: 22mm	10W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:100mV efficiency:78% (typical value) standby power: ≤100mW	LED Lighting Small Home Appliances	Output with EMI filtering can be added with T-shaped needle
			9V	1A						
			12V	0.8A						
			15V	0.6A						
			24V	0.4A						
29	 PLH12B	Single	5V	2.4A	L: 49mm W: 30.85mm H: 19.59mm	12W	3KV	AC/DC universal 90-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:150mV Maximum conversion efficiency:80% standby power: ≤350mW	Industrial Control Instrumentation Power Industry Smart Home	With mounting holes
			12V	1A						
			24V	0.5A						
30	 PLA10A	Single	3.3V	3A	L: 44mm W: 24.6mm H: 22mm	10W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:100mV efficiency:81% (typical value) standby power: ≤100mW	LED Lighting Small Home Appliances	With T-pin
			5V	2A						
			9V	1.1A						
			12V	0.85A						
			15V	0.66A						
31	 PLE12C	Single	5V	1.5A	L: 66mm W: 30mm H: 22mm	12W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:60mV efficiency:80% (typical value) standby power: ≤200mW	Small Home Appliances	Output voltage ± 3V adjustable
			9V	0.8A						
			12V	0.6A						
			15V	0.5A						
			24V	0.4A						
32	 PLF12F	Single	3.3V	3A	L: 66mm W: 31mm H: 20mm	12W	3KV	AC/DC universal 90-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:100mV Maximum conversion efficiency:82% standby power: ≤350mW	Consumer Electronics Internet of Things Communication Electronics	With mounting holes Installable terminal
			5V	2.4A						
			9V	1.333A						
			12V	1A						
			15V	0.8A						
33	 PLF12F(加强版)	Single	3.3V	3A	L: 66mm W: 31mm H: 20mm	12W	3KV	AC/DC universal 90-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:100mV Maximum conversion efficiency:82% standby power: ≤350mW	Consumer Electronics Internet of Things Communication Electronics	With mounting holes Installable terminal
			5V	2.4A						
			9V	1.333A						
			12V	1A						
			15V	0.8A						
			24V	0.5A						

Baseplate type DL dual circuit series

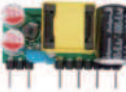
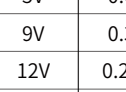
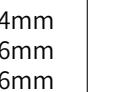
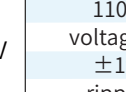
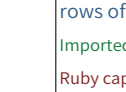
Number	Image/Model	Single/ Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes			
34	 DLA03A	Double 0505	5V	0.4A	L: 36mm W: 21mm H: 18 mm	3W	3KV	AC/DC universal	Industrial Control	SIP pin installation			
			5V	0.2A				85-264VAC					
		Double 0512	5V	0.24A				110-370VDC			voltage accuracy: ±1%~±3% ripple:100mV efficiency:70% (typical value) standby power: ≤100mW	Instrumentation	
			12V	0.15A									
		Double 0524	5V	0.12A				Small Home Appliances					Complies with Level 6 energy efficiency
			24V	0.1A									
35	 DLA03C	Double 0505	5V	0.3A	L: 39mm W: 20mm H: 29mm	3W	2KV	AC/DC universal	Severe electromagnetic compatibility environment	With T-pin			
			5V	0.3A				90-264VAC					
			110-370VDC										
			voltage accuracy: ±1%~±3% ripple:100mV efficiency:68% (typical value) standby power: ≤500mW										

Number	Image/Model	Single/ Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes							
36	NEW  DLA05C	Double 0505	5V	0.5A	L: 39mm W: 30mm H: 20mm	5W	2KV	AC/DC universal 90-264VAC 110-370VDC voltage accuracy: ±3%,±10% ripple:100mV efficiency:70% (typical value) standby power: ≤500mW	Severe electromagnetic compatibility environment	With T-pin							
			5V	0.5A													
		Double 0512	5V	0.5A				24V			0.104A						
			12V	0.208A													
		Double 0524	5V	0.5A													
			24V	0.104A													
37	 DLI05A	Double 0505	5V	0.5A	L: 51mm W: 30mm H: 18mm	5W	1.5KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: main circuit ±3%, Secondary circuit:±10% Main circuit ripple:100mV, Secondary ripple: 500mV efficiency:78% (typical value) standby power: ≤200mW	Instrumentation Small Home Appliances	Pin side installation Dual output isolation							
			5V	0.5A													
		Double 0512	5V	0.5A				12V			0.25A						
			12V	0.25A													
		38	 DLJ06A	Double 0505				5V			0.5A	L: 72mm W: 29mm H: 20mm	6W	2KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: main circuit ±3%, Secondary circuit:±10% Main circuit ripple:100mV, Secondary ripple: 200mV efficiency:76% (typical value) standby power: ≤200mW	Industrial Control Instrumentation Small Home Appliances	With mounting holes Dual output isolation
								5V			0.6A						
Double 0512	5V			0.5A	12V	0.3A											
	12V			0.3A													
39	 DLA10A			Double 0505	5V	1A	L: 59mm W: 25mm H: 22mm	10W	Input to output 3KV, out put secondary main circuit to auxiliary circuit 1KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: main circuit ±3%, Secondary circuit:±10% ripple:100mV efficiency:81% (typical value) standby power: ≤100mW	Industrial Control Instrumentation Small Home Appliances				CE certified products With T-pin Dual output isolation		
					5V	1A											
		Double 0512	5V	1A	12V	0.4A											
			12V	0.4A													
		Double 0524	5V	1A	24V	0.2A											
			24V	0.2A													
40	 DLL17A	Double 0512	5V	0.6A	L: 83mm W: 40mm H: 22 mm	17W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: main circuit ±3%, Secondary circuit:±10% Main circuit ripple:100mV, Secondary ripple: 200mV efficiency:80% (typical value) standby power: ≤200mW	Industrial Control Instrumentation Small Home Appliances	With mounting holes Dual output isolation							
			12V	1.2A													
		Double 0712	7V	0.5A				12V			1.2A						
			12V	1.2A													
		Double 0524	5V	0.6A				24V			0.6A						
			24V	0.6A													
41	 DLK17B	Double 0512	5V	0.5A	L: 76mm W: 41mm H: 22mm	17W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: main circuit ±3%, Secondary circuit:±10% Main circuit ripple:100mV, Secondary ripple: 200mV efficiency:78% (typical value) standby power: ≤300mW	Industrial Control Instrumentation Small Home Appliances	With mounting holes Dual output isolation							
			12V	1.2A													
		Double 0712	7V	0.5A				12V			1.2A						
			12V	1.2A													
		Double 0524	5V	0.5A				24V			0.6A						
			24V	0.6A													
42	 DLK17A	Double 0512	5V	1A	L: 76mm W: 41mm H: 22mm	17W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: main circuit ±3%, Secondary circuit:±10% Main circuit ripple:100mV, Secondary ripple: 200mV efficiency:78% (typical value) standby power: ≤300mW	Industrial Control	With mounting holes Dual output isolation							
			12V	1A													
		Double 0712	7V	0.5A				12V			1.2A						
			12V	1.2A													
		Double 0524	5V	0.5A				24V			0.6A						
			24V	0.6A													
43	 DLA20A	Double 0512	5V	2A	L: 83mm W: 40mm H: 23mm	20W	3.75 KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: main circuit ±3%,Secondary circuit:±10% ripple:100mV efficiency:85% (typical value) standby power: ≤1W	Industrial Control	With terminals Dual output common ground							
			12V	1A													
		Double 0524	5V	2A				24V			0.5A						
			24V	0.5A													
44	 DLA30A	Double 0512	5V	2.5A	L: 95mm W: 51mm H: 27.6mm	30W	3.75 KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: main circuit ±3%,Secondary circuit:±10% ripple:100mV efficiency:83% (typical value) standby power: ≤1W	Industrial Control	With terminals Dual output common ground							
			12V	1.5A													
		Double 0524	5V	2A				24V			0.75A						
			24V	0.75A													
		Double 1224	12V	1.2A				24V			0.65A						
			24V	0.65A													

Substrate ML low-power series

Number	Image/Model	Single/ Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
45	 MLA03A	Single	3.3V	0.7A	L: 44mm W: 16.5mm H: 15mm	3W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:100mV efficiency:81% (typical value) standby power: ≤100mW	Internet of Things Smart Home Small Home Appliances	CE certified products Input/output with T-pin
			5V	0.6A						
			9V	0.35A						
			12V	0.25A						
			15V	0.2A						
			24V	0.13A						
46	 MLA06A	Single	3.3V	1.2A	L: 47mm W: 20mm H: 15mm	6W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:100mV efficiency:81% (typical value) standby power: ≤100mW	Internet of Things Smart Home Small Home Appliances	CE certified products Input/output with T-pin Output end Sijia AMS1177 voltage stabilizing chip
			5V	1.2A						
			9V	0.7A						
			12V	0.5A						
			15V	0.4A						
			24V	0.25A						
47	 MLA10A	Single	3.3V	3A	L: 59mm W: 25mm H: 22mm	10W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:100mV efficiency:81% (typical value) standby power: ≤100mW	Internet of Things Smart Home Small Home Appliances	CE certified products Input/output with T-pin Output end Sijia AMS1177 voltage stabilizing chip
			5V	2A						
			9V	1.1A						
			12V	0.85A						
			15V	0.66A						
			24V	0.4A						
48	 MLA12A	Single	3.3V	3.6A	L: 63.5mm W: 33mm H: 23mm	12W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:50mV efficiency:81% (the full load) standby power: ≤75mW	Internet of Things Smart Home Small Home Appliances	CE certified products With T-pin
			5V	2.4A						
			9V	1.3A						
			12V	1A						
			15V	0.8A						
			24V	0.5A						
49	 MLA15A	Single	5V	3A	L: 63.5mm W: 33mm H: 23mm	15W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:100mV efficiency:80%-85% (the full load) standby power: ≤75mW	Internet of Things Smart Home Small Home Appliances	CE certified products With T-pin
			9V	1.67A						
			12V	1.25A						
			15V	1A						
			24V	0.63A						
			36V	0.42A						
50	 MLA20A	Single	5V	4A	L: 70mm W: 38mm H: 27mm	20W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:100mV efficiency:81%-86% (the full load) standby power: ≤75mW	Internet of Things Smart Home Small Home Appliances	CE certified products With T-pin
			9V	2.22A						
			12V	1.67A						
			15V	1.33A						
			24V	0.83A						
			36V	0.55A						
51	 MLA25A	Single	5V	5A	L: 75mm W: 46mm H: 27mm	25W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:100mV efficiency:81%-88% (the full load) standby power: ≤75mW	Internet of Things Smart Home Small Home Appliances	CE certified products With T-pin
			9V	2.78A						
			12V	2.08A						
			15V	1.67A						
			24V	1.04A						
			36V	0.7A						
52	 MLA36A	Single	5V	7.2A	L: 84mm W: 46mm H: 29mm	36W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:100mV efficiency:83%-86% (the full load) standby power: ≤75mW	Internet of Things Smart Home Small Home Appliances	CE certified products With T-pin
			9V	4A						
			12V	3A						
			15V	2.4A						
			24V	1.5A						
			36V	1A						

Base plate HL high reliability series

Number	Image/Model	Single/ Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
53	 HLA03A	Single	3.3V	0.7A	L: 34mm W: 16mm H: 16mm	3W	3KV	AC/DC universal	Internet of Things Power Industry Communication Electronics	With 2.54 rows of pins Imported chips Ruby capacitor 5-year warranty
			5V	0.6A				85-264VAC		
			9V	0.3A				110-370VDC		
			12V	0.25A				voltage accuracy: ±1%~±3%		
			15V	0.2A				ripple:100mV		
			24V	0.12A				efficiency:75% (typical value) standby power: ≤100mW		
54	 HLB03A	Single	3.3V	0.7A	L: 27mm W: 24mm H: 16mm	3W	3KV	AC/DC universal	Internet of Things Power Industry Communication Electronics	With 2.54 rows of pins Imported chips Ruby capacitor 5-year warranty
			5V	0.6A				85-264VAC		
			9V	0.3A				110-370VDC		
			12V	0.25A				voltage accuracy: ±1%~±3%		
			15V	0.2A				ripple:100mV		
			24V	0.12A				efficiency:75% (typical value) standby power: ≤100mW		
55	 HLB05A	Single	3.3V	1A	L: 28mm W: 25mm H: 16mm	5W	3KV	AC/DC universal	Internet of Things Power Industry Communication Electronics	With 2.54 rows of pins Imported chips Ruby capacitor 5-year warranty
			5V	1A				85-264VAC		
			9V	0.55A				110-370VDC		
			12V	0.41A				voltage accuracy: ±1%~±3%		
			15V	0.33A				ripple:100mV		
			24V	0.21A				efficiency:75% (typical value) standby power: ≤100mW		
56	 HLA05A	Single	3.3V	1A	L: 40mm W: 19mm H: 16mm	5W	3KV	AC/DC universal	Internet of Things Power Industry Communication Electronics	With 2.54 rows of pins Imported chips Ruby capacitor 5-year warranty
			5V	1A				85-264VAC		
			9V	0.55A				110-370VDC		
			12V	0.41A				voltage accuracy: ±1%~±3%		
			15V	0.33A				ripple:50mV		
			24V	0.21A				efficiency:75% (typical value) standby power: ≤100mW		
57	 HLG06B	Single	3.3V	1.8A	L: 51mm W: 24mm H: 20mm	6W	3KV	AC/DC universal	Internet of Things Power Industry Communication Electronics	CE certified ROHS certified Imported chips Ruby capacitor Input/output with T-pin
			5V	1.2A				85-264VAC		
			9V	0.6A				110-370VDC		
			12V	0.5A				voltage accuracy: ±1%~±3%		
			15V	0.4A				ripple:50mV		
			24V	0.25A				efficiency:78% (typical value) standby power: ≤150mW		
58	 HLG06C	Single	5V	1.2A	L: 51mm W: 25mm H: 27mm	6W	3KV	AC/DC universal	Internet of Things Power Industry Communication Electronics	Ruby capacitor Input/output with T-pin
			12V	0.5A				90-264VAC		
			24V	0.25A				110-370VDC		
								voltage accuracy: ±1%~±3%		
								ripple:120mV		
								Maximum conversion efficiency:75% standby power: ≤300mW		

PK Economy Shell Series

Number	Image/Model	Single/ Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
59	 PK03A	Single With shell	3.3V	0.8A	L: 40mm W: 23mm H: 23mm	3W	1.5KV	AC/DC universal	LED Lighting	Housing with fixing holes at both ends Input and output line 22, with a lead length of 15cm
			5V	0.6A				85-264VAC		
			9V	0.4A				110-370VDC		
			12V	0.3A				voltage accuracy:		
			15V	0.2A				±1%~±3%		
			24V	0.15A				ripple:500mV		
60	 PK05A	Single With shell	3.3V	1A	L: 40mm W: 23mm H: 23mm	5W	1.5KV	AC/DC universal	LED Lighting	Housing with fixing holes at both ends Input and output line 22, with a lead length of 15cm
			5V	1A				85-264VAC		
			9V	0.55A				110-370VDC		
			12V	0.42A				voltage accuracy:		
			15V	0.33A				±1%~±3%		
			24V	0.2A				ripple:500mV		

Number	Image/Model	Single/Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
61	 PK06A	Single With shell	3.3V	1.2A	L: 58mm W: 30mm H: 21.5mm	6W	1.5KV	AC/DC universal	LED Lighting	Housing with fixing holes at both ends Input and output line 22, with a lead length of 15cm
			5V	1A				85-264VAC		
			9V	0.6A				110-370VDC		
			12V	0.5A				voltage accuracy: $\pm 1\% \sim \pm 3\%$		
			15V	0.4A				ripple:100mV		
			24V	0.25A				efficiency:75% (typical value) standby power: $\leq 150\text{mW}$		
62	 PK12A	Single With shell	5V	2A	L: 75mm W: 38mm H: 25mm	12W	2KV	AC/DC universal	LED Lighting	Housing with fixing holes at both ends Input and output line 22, with a lead length of 15cm
			9V	1.5A				85-264VAC		
			12V	1A				110-370VDC		
			15V	0.8A				voltage accuracy: $\pm 1\% \sim \pm 3\%$		
			24V	0.5A				ripple:100mV efficiency:81% (typical value) standby power: $\leq 150\text{mW}$		

Baseplate type GP industrial control economy series

Number	Image/Model	Single/Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
63	 GPA12A	Single	5V	2A	L: 66mm W: 31mm H: 22mm	12W	3KV	AC/DC universal	Industrial Control Small Home Appliances	With terminals
			9V	1.3A				85-264VAC		
			12V	1A				110-370VDC		
			15V	0.8A				voltage accuracy: $\pm 1\% \sim \pm 3\%$		
			24V	0.5A				ripple:50mV efficiency:81% (typical value) standby power: $\leq 200\text{mW}$		
64	 GPA15A	Single	5V	3A	L: 75mm W: 40mm H: 23mm	15W	3.75 KV	AC/DC universal	Industrial Control Small Home Appliances	With terminals
			9V	1.65A				85-264VAC		
			12V	1.25A				110-370VDC		
			15V	1A				voltage accuracy: $\pm 1\% \sim \pm 3\%$		
			24V	0.65A				ripple:50mV efficiency:81% (typical value) standby power: $\leq 200\text{mW}$		
65	 GPA15B	Single	5V	3A	L: 75mm W: 40mm H: 29mm	15W	3KV	AC/DC universal	Industrial Control Small Home Appliances	With terminals
			12V	1.25A				90-264VAC		
			24V	0.625A				110-370VDC		
66	 GPC15A	Single	5V	3A	L: 75mm W: 40mm H: 23mm	15W	3.75 KV	AC/DC universal	Industrial Control Small Home Appliances	With terminals
			9V	1.65A				85-264VAC		
			12V	1.25A				110-370VDC		
			15V	1A				voltage accuracy: $\pm 1\% \sim \pm 3\%$		
			24V	0.65A				ripple:50mV efficiency:86% (typical value) standby power: $\leq 200\text{mW}$		
67	 GPD15A	Single	5V	3A	L: 70mm W: 37mm H: 29mm	15W	3KV	AC/DC universal	Industrial Control Small Home Appliances	With terminals
			12V	1.25A				90-264VAC		
			24V	0.625A				110-370VDC		
68	 GPD20A	Single	5V	3A	L: 75mm W: 40mm H: 29mm	20W	3KV	AC/DC universal	Industrial Control Small Home Appliances	With terminals
			12V	1.667A				90-264VAC		
			24V					110-370VDC		
								voltage accuracy: $\pm 1\% \sim \pm 3\%$		
								ripple:50mV		
								efficiency:80% (typical value) standby power: $\leq 300\text{mW}$		

Number	Image/Model	Single/ Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
69	NEW  GPA20B	Single	5V	3A	L: 75mm W: 40mm H: 29mm	20W	3KV	AC/DC universal 90-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple :50mV efficiency:80% (typical value) standby power: ≤300mW	Industrial Control Small Home Appliances	With terminals
			12V	1.667A						
			24V	0.833A						
70	 GPA20A	Single	5V	4A	L: 87mm W: 46mm H: 22mm	24W	3.75 KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple :50mV efficiency:86% (typical value) standby power: ≤500mW	Industrial Control Small Home Appliances	CE certified products With terminals
			9V	2.5A						
			12V	2A						
			15V	1.6A						
			24V	1A						
			36V	0.6A						
71	 GPM20B	Single	5V	3A	L: 87mm W: 46mm H: 25mm	24W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:50mV efficiency:81% (typical value) standby power: ≤200mW	Industrial Control Small Home Appliances	Input and output with KF301 terminal blocks
			9V	2.5A						
			12V	2A						
			15V	1.6A						
			24V	1A						
			36V	0.6A						
72	 GPM20C	Single	5V	3A	L: 87mm W: 46mm H: 25mm	24W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:50mV efficiency:81% (typical value) standby power: ≤200mW	Industrial Control Small Home Appliances	Input and output CH terminals
			9V	2.5A						
			12V	2A						
			15V	1.6A						
			24V	1A						
			36V	0.6A						
73	NEW  GPA25A	Single	5V	5A	L: 78.8mm W: 40.6mm H: 25.6mm	25W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:120mV Maximum conversion efficiency:81% standby power: ≤300mW	Smart Home Industrial Control Small Home Appliances	Input and output CH terminals
			12V	2.083A						
			24V	1.041A						
74	NEW  GPA30A	Single	5V	6A	L: 78.8mm W: 40.6mm H: 25.6mm	25W	3KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:120mV Maximum conversion efficiency:81% standby power: ≤300mW	Smart Home Industrial Control Small Home Appliances	Input and output CH terminals
			12V	2.5A						
			24V	1.25A						
75	 GPN30E	Single	5V	4A	L: 100mm W: 50mm H: 25mm	36W	3.75 KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:50mV efficiency:83% (typical value) standby power: ≤150mW	Industrial Control Small Home Appliances	Input and output with KF301 terminal blocks
			9V	3.4A						
			12V	3A						
			15V	2.4A						
			24V	1.5A						
			36V	1A						
76	 GPN30F	Single	5V	4A	L: 100mm W: 50mm H: 25mm	36W	3.75 KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:50mV efficiency:83% (typical value) standby power: ≤150mW	Industrial Control Small Home Appliances	Input and output CH terminals
			9V	3.4A						
			12V	3A						
			15V	2.4A						
			24V	1.5A						
			36V	1A						
77	 GPA40B	Single	5V	6A	L: 100mm W: 50mm H: 25mm	40W	3.75 KV	AC/DC universal 85-264VAC 110-370VDC voltage accuracy: ±1%~±3% ripple:50mV efficiency:88% (typical value) standby power: ≤200mW	Industrial Control Small Home Appliances	CE certified products With terminals
			9V	4.5A						
			12V	3.5A						
			15V	2.7A						
			24V	1.7A						
			36V	1.2A						

Number	Image/Model	Single/ Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
85	NEW  OLA03C	Three phase four wire	3.3V	0.909A	L: 42mm W: 22.3mm H: 20mm	3W	2KV	AC/DC universal	Industrial Control Power Industry	Input and output with T-pin Imported chips Ruby capacitor 5-year warranty
			5V	0.6A				85-380VAC		
			9V	0.333A				120-540VDC		
			12V	0.25A				voltage accuracy:		
			15V	0.2A				±1%~±3%		
			24V	0.125A				ripple:5V以下50mV, 5V以上100mV efficiency:74% (typical value) standby power: ≤300mW		
86	NEW  OLA05B	Three phase four wire	3.3V	1.515A	L: 47.2mm W: 22.5mm H: 20.5mm	5W	3KV	AC/DC universal	Industrial Control Power Industry	Input and output with T-pin Imported chips Ruby capacitor 5-year warranty
			5V	1A				85-380VAC		
			9V	0.556A				100-540VDC		
			12V	0.417A				voltage accuracy:		
			15V	0.333A				±1%~±3%		
			24V	0.208A				ripple:5V以下50mV, 5V以上100mV efficiency:74% (typical value) standby power: ≤300mW		
87	NEW  OLA05C	Three phase four wire	3.3V	1.515A	L: 47mm W: 22.5mm H: 26mm	5W	3KV	AC/DC universal	Industrial Control Power Industry	Input and output with T-pin Imported chips Ruby capacitor 5-year warranty
			5V	1A				85-380VAC		
			9V	0.556A				100-540VDC		
			12V	0.417A				voltage accuracy:		
			15V	0.333A				±1%~±3%		
			24V	0.208A				ripple:5V以下50mV, 5V以上100mV efficiency:74% (typical value) standby power: ≤300mW		

Substrate type GH high reliability series

Number	Image/Model	Single/ Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
88	 GHA05A	Single	3.3V	1.5A	L: 75mm W: 40mm H: 22mm	5W	3KV	AC/DC universal	Industrial Control Medical Industry	Imported chips With terminals
			5V	1A				85-264VAC		
			9V	0.5A				110-370VDC		
			12V	0.4A				voltage accuracy: ±1%~±3%		
			15V	0.3A				ripple:5V以下50mV, 5V以上100mV		
			24V	0.2A				efficiency:74% (typical value) standby power: ≤300mW		

Baseplate type FL positive and negative dual circuit series

Number	Image/Model	Single/ Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
89	 FLA17A	Positive and negative dual paths	+5V	1.7A	L: 83mm W: 40mm H: 20mm	17W	3KV	AC/DC universal	Industrial Control	With terminals
			-5V	1.7A				85-264VAC		
		Positive and negative dual paths	+12V	0.7A				110-370VDC		
			-12V	0.7A				voltage accuracy:		
		Positive and negative dual paths	+15V	0.55A				Main circuit ripple: ±1%, Secondary ripple: ±10%		
			-15V	0.55A				ripple:100mV		
90	 FLA20A	Positive and negative dual paths	+5V	2A	L: 75mm W: 37mm H: 27mm	20W	3KV	AC/DC universal	Industrial Control Multimedia Speaker	With terminals
			-5V	2A				85-264VAC		
		Positive and negative dual paths	+12V	0.833A				110-370VDC		
			-12V	0.833A				voltage accuracy:		
		Positive and negative dual paths	+24V	0.416A				Main circuit ripple: ±1%, Secondary ripple: ±10%		
			-24V	0.416A				ripple:100mV		
								efficiency:85% (typical value)		
								standby power: ≤1W		

Substrate KL wide voltage series

Number	Image/Model	Single/Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
91	 KLA05A	Single	3.3V	1A	L: 66mm W: 31mm H: 22mm	5W	3KV	AC/DC universal	Industrial Control	CE certified products Imported chips Ruby capacitor 5-year warranty
			5V	1A				24-300VAC		
			9V	0.5A				30-400VDC		
			12V	0.4A				voltage accuracy: ±1%~±3%		
			15V	0.3A				ripple:50mV		
			18V	0.27A				efficiency:75% (typical value) standby power: ≤100mW		

MK Glue Filling Module Series

Number	Image/Model	Single/Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
92	 MKA03B	Single	3.3V	0.909A	L: 42mm W: 23mm H: 19mm	3W	3KV	AC/DC universal	Internet of Things Smart Home Small Home Appliances	Input/output with pins
			5V	0.6A				85-264VAC		
			9V	0.333A				100-370VDC		
			12V	0.250A				voltage accuracy: ±1%~±3%		
			15V	0.200A				ripple:100mV		
			24V	0.125A				efficiency:74% (typical value) standby power: ≤300mW		
93	 MKA05B	Single	3.3V	1.515A	L: 42mm W: 23mm H: 19mm	5W	3KV	AC/DC universal	Internet of Things Smart Home Small Home Appliances	Input/output with pins
			5V	1A				85-264VAC		
			9V	0.556A				100-370VDC		
			12V	0.417A				voltage accuracy: ±1%~±3%		
			15V	0.333A				ripple:100mV		
			24V	0.208A				efficiency:78% (typical value) standby power: ≤300mW		

Substrate type DZ (customer customized) series

Number	Image/Model	Single/Double	Voltage	Current	Size (L*W*H)	Power	withstand voltage	Basic parameters	Application	Notes
94	 DZF12A	Single	5V	2A	L: 56mm W: 31mm H: 24mm	12W	3.75 KV	AC/DC universal	Industrial Control Internet of Things Smart Home Small Home Appliances	Input/output with pins Back with insulation sheet
			9V	1.3A				85-300VAC		
			12V	1A				110-400VDC		
			15V	0.8A				voltage accuracy: ±1%~±3%		
			24V	0.5A				ripple:50mV efficiency:75% (typical value) standby power: ≤100mW		
95	 DZB15A	Single	24V	0.625A	L: 75mm W: 46mm H: 29mm	15W	3KV	AC/DC universal	Industrial Control Internet of Things Smart Home Small Home Appliances	With terminals
								90-264VAC		
								110-370VDC		
								voltage accuracy: ±1%~±3%		
								ripple:50mV efficiency:80% (typical value) standby power: ≤300mW		
96	 DZB18A	Single	5V	3A	L: 58mm W: 38mm H: 25mm	18W	3.75 KV	AC/DC universal	Industrial Control Internet of Things Smart Home Small Home Appliances	Input/output with pins Back with insulation sheet
			9V	2A				85-264VAC		
			12V	1.5A				110-370VDC		
			15V	1.2A				voltage accuracy: ±1%~±3%		
			24V	0.75A				ripple:50mV efficiency:83% (typical value) standby power: ≤150mW		

1.Product selection and precautions

Each product of our company has a certain amount of redundant power design, which can operate for a long time under full load or even exceeding the rated load. However, for high reliability reasons, to extend the service life of the power supply, please do not let the load reach the rated value. It is generally recommended to use 60% -80% of the rated load, and the recommended ambient temperature is around 30 °C. It can operate at an ambient temperature of 55 °C with full load, but this will undoubtedly significantly reduce the reliability and service life of the product. In practical use, please pay attention to controlling the load and temperature factors. If the ambient temperature is relatively high, it is necessary to reduce the load as much as possible (that is, increase the load margin and choose products with higher output power). On the contrary, if a large load current is required, it is necessary to do a good job in ventilation and heat dissipation, such as placing the power module in an open space, adding heat dissipation fans, etc.

The specific value is not absolutely fixed. It is generally recommended that the load should not exceed 20% of the rated load when the ambient temperature is 55 °C, which can maintain very high reliability of the product. Reminder: Please use temperature measuring equipment to evaluate the temperature, and do not rely on skin sensation.

Short term and small proportion of full load and high temperature operation have little impact on reliability and lifespan. For example, if the duration of each full load is less than 1 minute or half a minute, and the interval is more than 10 minutes, and the load during the interval is less than 15% of the rated load, then even running at 55 °C is still possible.

Safe Use Warning:

Due to the fact that the bare board series does not come with an enclosure and the input is 220V AC. The input pins and corresponding wiring terminals of the module are directly connected to 220V. Please pay high attention to preventing electric shock and short circuit with metal objects, and ensure that the power supply is disconnected before any contact.

2.Load requirements for using multiple output power sources

The voltage accuracy of the general multi output power supply output is: the nominal value of the main output is plus or minus 1%, and the nominal value of the secondary output is plus or minus 5% -10%. The first output of the multi output power supply is the main circuit, and the other outputs are the secondary circuit. The voltage accuracy and load capacity of the main circuit are higher than those of the secondary circuit. Therefore, it is generally recommended to choose a main circuit with a high current and high voltage accuracy requirement, and the ratio of the currents of each circuit is 50-100%, Never load and use the secondary circuit separately under the no-load condition of the main circuit, otherwise the voltage of the secondary circuit is too low to function properly. In addition, if the main circuit load is full load and the secondary circuit load is light, it may cause the voltage of the secondary circuit to increase, otherwise the voltage of the secondary circuit will decrease. The impact on reliability and lifespan is not significant. For example, if the duration of each full load is less than 1 minute or half a minute, and the interval is more than 10 minutes, and the load during the interval is less than 15% of the rated load, then even running at 55 °C is still possible.

Tips:

For more product information, please contact us or log in to our official website :<https://www.qinxtech.com>

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