General-purpose power supply with high cost performance

E SERIES EAK-G

UL approved

[FEATURES]

- AC.100V input low-price single output power supply.
- Compact (Height: 95mm).
- Wide variety of lineup covering 15W to 150W.
- LED indicator display function.
- Low noise (FCC class B compliant).

[SUMMARY]

The E series EAK-G power supplies are bestsellers that have realized low price and compact size (95mm in height). The 5, 12, 15, and 24V outputs versatile for switching power supplies are standardized in a range of the 15W to 150W types. This series of products have been approved in the UL safety standards and in FCC class B of the noise terminal voltage. We recommend them for a wide variety of uses.



PART NUMBERS AND RATINGS

EAK-G: AC.100V INPUT(UL RECOGNIZED)

Output	15W Type		30W Type		50W Type		100W Type	9	150W Typ	9
voltage(V)	Current(A)	Part No.								
5	3	EAK05-3R0G	6	EAK05-6R0G	10	EAK05-10RG	20	EAK05-20RG	30	EAK05-30RG
12	1.3	EAK12-1R3G	2.5	EAK12-2R5G	4.2	EAK12-4R2G	8.4	EAK12-8R3G	12.5	EAK12-12RG
15	1	EAK15-1R0G	2	EAK15-2R0G	3.4	EAK15-3R4G	6.7	EAK15-6R6G	10	EAK15-10RG
24	0.7	EAK24-0R7G	1.3	EAK24-1R3G	2.1	EAK24-2R1G	4.2	EAK24-4R2G	6.3	EAK24-6R0G

Stock products.

E SERIES EAK-G15W TYPE

UL approved

SPECIFICATIONS AND STANDARDS

PART NO.		EAK05-3R0G	EAK12-1R3G	EAK15-1R0G	EAK24-0R7G			
Rated output voltage and current*1		5V • 3A	12V • 1.3A	15V • 1A	24V • 0.7A			
Maximur	n output power	W	15	15.6	15	16.8		
INPUT C	ONDITIONS							
Input vol	tage	V	Eac(V)85 to 132[Rati	ng: 100 to 115] Edc(V)110 to	175			
Input fre	quency	Hz	47 to 66[Rating: 50 to	60](Single phase)				
Input cui	rent	A	0.6/0.5/0.4max.[AC.8	5/100/115V]				
Fuse rat	ing	A	2[Built-in]					
Surge cı	urrent	А	8 to 9max.[Input and	output ratings, 25°C, cold sta	art]			
_eakage	current	mA	0.5max.[Input and ou	tput ratings]				
Efficienc	у	%	71typ.	80typ.	80typ.	80typ.		
OUTPU	CHARACTERIST	ICS						
Output v	oltage Edc	V	5	12	15	24		
0	variable range Edc	V	4.5 to 5.5	10.8 to 13.2	13.5 to 16.5	21.6 to 26.4		
Maximur	n output current	A	3	1.3	1	0.7		
Overvolt	age threshold Edc	V	6 to 6.9	13.7 to 15.7	17 to 19	27 to 30.5		
Overcurrent threshold A		3.3 to 4.9	1.4 to 2.2	1.1 to 1.6	0.8 to 1.2			
	Input variation	%	±1max.(±0.3typ.)[Within the input voltage range]					
1-11	Load variation	%	±1.5max.(±0.6typ.)[10 to 100% load] Total variation ±3max.(±1typ.)					
stability +	Temperature variation	%	±1max.(±0.3typ.)[Ambient temperature: -10 to +60°C]					
	Drift	%	1max.[25°C, input and output ratings, after input voltage ON for 30min to 8h]					
	Dynamic load	%/ms	±4max./1max.[50 to 100% sudden load change]					
Ripple E	р-р	mV	50max.(30typ.)	80max.(40typ.)	80max.(40typ.)	100max.(50typ.)		
Ripple n	oise Ep-p	mV	120max.	190max.	220max.	310max.		
Start up	time	ms	100max.					
Hold up	time	ms	20min./17min.[0 to +60/-10 to 0°C]					
AUXILIA	RY FUNCTIONS							
Indicator	display		LED(Red) indicates when voltage output is ON.					
Overvolt	age protection		Voltage shut-down type, recovers upon reset(interval approx. 30s).					
Overcuri	ent protection		Fixed current and voltage threshold type, automatic recovery.					
Remote	ON-OFF		No					
Remote	sensing		No					
Output voltage external variable function		No						
STAND	ARDS							
Safety standards			UL1950-3 approved.					
Noise terminal voltage		FCC class B compliant.						
CONST	RUCTIONS							
External dimensions mm		95×35×90[H×W×L]						
Weight g		380max.						
Mounting	g method		Can be attached to 2 sides.					
Case ma	aterial		Cover: Zinc-plated irc	n				
	t rating(maximum o		nt) is determined for -1	0 to +40°C Derating is requ	uired when used outside this t	emperature range		

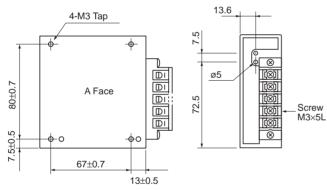
E SERIES EAK-G15W TYPE

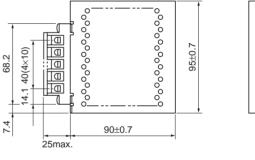
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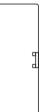


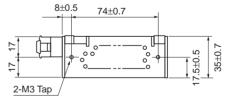
SHAPES AND DIMENSIONS EAK-G15W TYPE

Dimensions in mm ±1mm : without specified dimensions

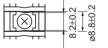








[Detail drawing of terminal block]



Note)

- Do not insert M3 tap installation screws more than 7mm from surface of power supply.
- Important system to earthquake-proof, insert installation Screws to 4 places of A side.

E SERIES EAK-G30W TYPE

UL approved

SPECIFICATIONS AND STANDARDS

PART NO.		EAK05-6R0G	EAK12-2R5G	EAK15-2R0G	EAK24-1R3G			
Rated ou	utput voltage and cu	Irrent ^{*1}	5V • 6A	12V • 2.5A	15V • 2A	24V • 1.3A		
Maximur	n output power	W	30	30	30	31.2		
INPUT C	CONDITIONS							
Input vol	tage	V	Eac(V)85 to 132[Rati	ng: 100 to 115] Edc(V)110 to	175			
nput fre	quency	Hz	47 to 66[Rating: 50 to	o 60](Single phase)				
Input cui	rrent	A	1/0.9/0.8max.[AC.85	/100/115V]				
Fuse rat	ing	A	2.5[Built-in]					
Surge cu	urrent	A	17 to 20max.[Input a	nd output ratings, 25°C, cold	start]			
Leakage	current	mA	0.5max.[Input and ou	Itput ratings]				
Efficienc	y	%	77typ.	81typ.	81typ.	84typ.		
OUTPU	CHARACTERIST	ICS						
Output v	oltage Edc	V	5	12	15	24		
Voltage	variable range Edc	V	4.5 to 5.5	10.8 to 13.2	13.5 to 16.5	21.6 to 26.4		
Maximur	n output current	A	6	2.5	2	1.3		
Overvolt	age threshold Edc	V	6 to 6.9	13.7 to 15.7	17 to 19	27 to 30.5		
Overcuri	rent threshold	A	6.5 to 8.5	2.7 to 4	2.2 to 3.3	1.4 to 2.1		
-	Input variation	%	±1max.(±0.3typ.)[Within the input voltage range]					
1-11	Load variation	%	±1.5max.(±0.6typ.)[10 to 100% load] Total variation ±3max.(±1typ.)					
stability +	Temperature variation	%	±1max.(±0.3typ.)[Ambient temperature: -10 to +60°C]					
	Drift	%	1max.[25°C, input and output ratings, after input voltage ON for 30min to 8h]					
	Dynamic load	%/ms	±4max./1max.[50 to 100% sudden load change]					
Ripple E	р-р	mV	50max.(30typ.)	80max.(40typ.)	80max.(40typ.)	100max.(50typ.)		
Ripple n	oise Ep-p	mV	120max.	190max.	220max.	310max.		
Start up	time	ms	100max.					
Hold up	time	ms	20min./17min.[0 to +60/-10 to 0°C]					
AUXILIA	RY FUNCTIONS							
ndicator	display		LED(Red) indicates when voltage output is ON.					
Overvolt	age protection		Voltage shut-down type, recovers upon reset(interval approx. 30s).					
Overcuri	rent protection		Fixed current and voltage threshold type, automatic recovery.					
Remote	ON-OFF		No					
Remote	U		No					
Output voltage external variable function		No						
STAND	ARDS							
Safety standards		UL1950-3 approved.						
Noise terminal voltage		FCC class B compliant.						
CONST	RUCTIONS							
External dimensions mm		95×35×115[H×W×L]						
Weight		g	380max.					
Mounting method		Can be attached to 2 sides.						
Case ma	aterial		Cover: Zinc-plated in	on				
*1 Currer	t rating/maximum o		nt) is determined for -1	0 to ±40°C Derating is requ	ired when used outside this t	emperature range		

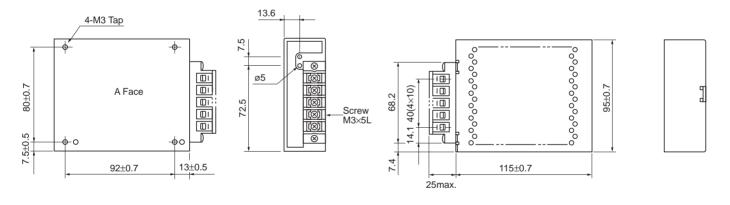
E SERIES EAK-G30W TYPE

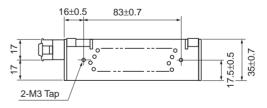
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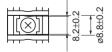
SHAPES AND DIMENSIONS EAK-G30W TYPE

Dimensions in mm ±1mm : without specified dimensions





[Detail drawing of terminal block]



Note)

• Do not insert M3 tap installation screws more than 7mm from surface of power supply.

• Important system to earthquake-proof, insert installation Screws to 4 places of A side.

E SERIES EAK-G50W TYPE

UL approved

SPECIFICATIONS AND STANDARDS

PART NO.		EAK05-10RG	EAK12-4R2G	EAK15-3R4G	EAK24-2R1G			
Rated output voltage and current*1		5V • 10A	12V • 4.2A	15V • 3.4A	24V • 2.1A			
Maximur	n output power	W	50	50.4	51	50.4		
INPUT C	ONDITIONS							
Input vol	tage	V	Eac(V)85 to 132[Ratii	ng: 100 to 115] Edc(V)110 to) 175			
Input fre	quency	Hz	47 to 66[Rating: 50 to 60](Single phase)					
nput cui	rent	A	1.4/1.2/1.1max.[AC.8	5/100/115V]				
Fuse rat	ing	A	3.15[Built-in]					
Surge cı	urrent	А	36 to 41max.[Input ar	nd output ratings, 25°C, cold	start]			
_eakage	current	mA	0.5max.[Input and ou	tput ratings]				
Efficienc	у	%	80typ.	83typ.	84typ.	85typ.		
OUTPU	CHARACTERIST	ICS						
Output v	oltage Edc	V	5	12	15	24		
0	variable range Edc	V	4.5 to 5.5	10.8 to 13.2	13.5 to 16.5	21.6 to 26.4		
Maximur	n output current	A	10	4.2	3.4	2.1		
Overvolt	age threshold Edc	V	6 to 6.9	13.7 to 15.7	17 to 19	27 to 30.5		
Overcurrent threshold A		11 to 13.5	4.6 to 5.7	3.7 to 4.6	2.3 to 2.9			
	Input variation	%	±1max.(±0.3typ.)[Within the input voltage range]					
	Load variation	%	±1.5max.(±0.6typ.)[10 to 100% load] Total variation ±3max.(±1typ.)					
stability +	Temperature variation	%	±1max.(±0.3typ.)[Ambient temperature: -10 to +60°C]					
	Drift	%	0.5max.[25°C, input and output ratings, after input voltage ON for 30min to 8h]					
	Dynamic load	%/ms	±4max./1max.[50 to 100% sudden load change]					
Ripple E	р-р	mV	50max.(30typ.)	80max.(40typ.)	80max.(40typ.)	100max.(50typ.)		
Ripple n	oise Ep-p	mV	120max.	190max.	220max.	310max.		
Start up	time	ms	150max.					
Hold up	time	ms	20min./17min.[0 to +60/-10 to 0°C]					
AUXILIA	RY FUNCTIONS							
ndicator	display		LED(Red) indicates when voltage output is ON.					
Overvolt	age protection		Voltage shut-down type, recovers upon reset(interval approx. 60s).					
Overcuri	ent protection		Fixed current and voltage threshold type, automatic recovery.					
Remote	ON-OFF		No					
Remote	sensing		No					
Output voltage external variable function		No						
STAND	ARDS							
Safety standards		UL1950-3 approved.						
Noise terminal voltage		FCC class B compliant.						
CONST	RUCTIONS							
External dimensions mm		95×37×150[H×W×L]						
Weight		g	510max.					
Mounting method		Can be attached to 2 sides.						
Case ma	aterial		Cover: Zinc-plated irc	n				
	t rating(maximum c		nt) is determined for -1	0 to +40°C. Derating is requ	ired when used outside this t	emperature range		

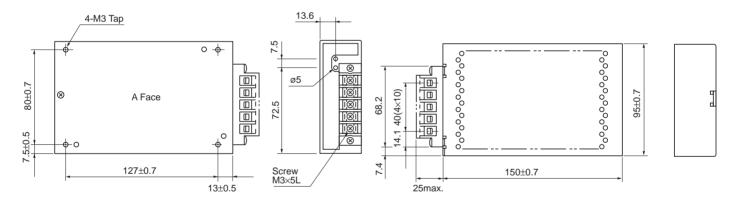
E SERIES EAK-G50W TYPE

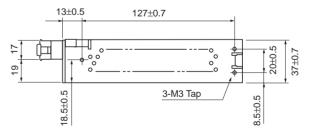
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SHAPES AND DIMENSIONS EAK-G50W TYPE

Dimensions in mm ±1mm : without specified dimensions





[Detail drawing of terminal block]

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$[\otimes]$	8.2	 .8±0.
		60

Note)

- Do not insert M3 tap installation screws more than 7mm from surface of power supply.
- Important system to earthquake-proof, insert installation Screws to 4 places of A side.

E SERIES EAK-G100W TYPE

UL approved

SPECIFICATIONS AND STANDARDS

PART NO.		EAK05-20RG	EAK12-8R3G	EAK15-6R6G	EAK24-4R2G			
Rated output voltage and current*1		5V • 20A	12V • 8.4A	15V • 6.7A	24V • 4.2A			
Maximum output power W		100	100.8	100.5	100.8			
NPUT C	ONDITIONS							
Input vol	tage	V	Eac(V)85 to 132[Rati	ng: 100 to 115] Edc(V)110 to	175			
Input fre	quency	Hz	47 to 66[Rating: 50 to	o 60](Single phase)				
Input cui	rrent	A	2.9/2.5/2.2max.[AC.8	5/100/115V]				
Fuse rat	ing	A	4[Built-in]					
Surge cı	urrent	А	15 to 17max.[Input a	nd output ratings, 1st surge c	current, reset after 30s minim	um.]		
_eakage	current	mA	0.5max.[Input and ou	Itput ratings]				
Efficienc	ÿ	%	78typ.	80typ.	81typ.	82typ.		
OUTPU	CHARACTERIST	ICS		· ·	· ·			
Output v	oltage Edc	V	5	12	15	24		
Voltage	variable range Edc	V	4.5 to 5.5	10.8 to 13.2	13.5 to 16.5	21.6 to 26.4		
Maximur	n output current	A	20	8.4	6.7	4.2		
Overvolt	age threshold Edc	V	6 to 6.9	13.7 to 15.7	17 to 19	27 to 30.5		
Overcuri	rent threshold	А	22 to 27	9.2 to 11.3	7.4 to 9.1	4.6 to 5.7		
	Input variation	%	±1max.(±0.3typ.)[Wit	hin the input voltage range]				
	Load variation	%	±1.5max.(±0.6typ.)[10 to 100% load] Total variation ±3max.(±1typ.)					
	Temperature variation	%	±1max.(±0.3typ.)[Ambient temperature: -10 to +60°C]					
Jability	Drift	%	0.5max.[25°C, input and output ratings, after input voltage ON for 30min to 8h]					
	Dynamic load	%/ms	±4max./1max.[50 to 100% sudden load change]					
Ripple E	р-р	mV	50max.(30typ.)	80max.(40typ.)	80max.(40typ.)	100max.(50typ.)		
Ripple n	oise Ep-p	mV	120max.	190max.	220max.	310max.		
Start up	time	ms	150max.					
Hold up	time	ms	20min./17min.[0 to +60/-10 to 0°C]					
AUXILIA	RY FUNCTIONS							
ndicator	display		LED(Red) indicates when voltage output is ON.					
Overvolt	age protection		Voltage shut-down type, recovers upon reset(interval approx. 60s).					
Overcuri	rent protection		Fixed current and voltage threshold type, automatic recovery.					
Remote ON-OFF		No						
Remote	sensing		No					
Output voltage external variable function		No						
STAND	ARDS							
Safety standards			UL1950-3 approved.					
Noise terminal voltage		FCC class B complia	nt.					
CONST	RUCTIONS							
External dimensions mm		95×55×180[H×W×L]						
Weight g		900max.						
Mounting	g method		Can be attached to 2 sides.					
Case ma	aterial		Cover: Zinc-plated in	on				
	t rating/maximum o	utout curre	nt) is determined for -1	0 to +40°C Derating is regu	ired when used outside this t	emperature range		

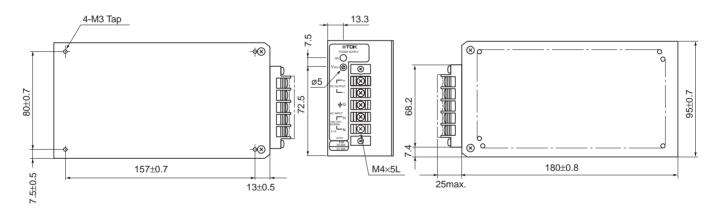
E SERIES EAK-G100W TYPE

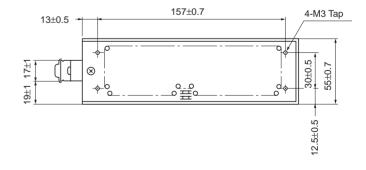
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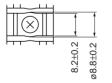
SHAPES AND DIMENSIONS EAK-G100W TYPE

Dimensions in mm ±1mm : without specified dimensions





[Detail drawing of terminal block]



Note)

• Do not insert M3 tap installation screws more than 7mm from surface of power supply.

E SERIES EAK-G150W TYPE

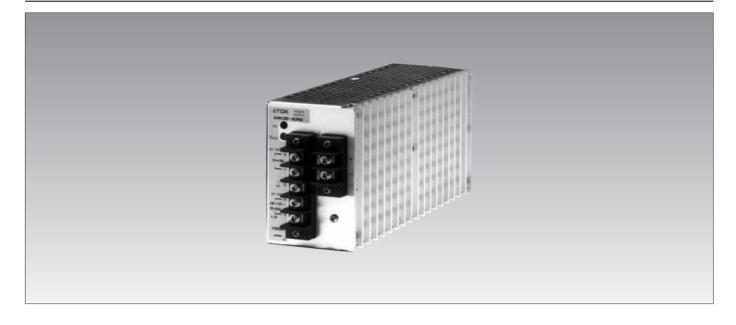
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SPECIFICATIONS AND STANDARDS

PART NO.		EAK05-30RG	EAK12-12RG	EAK15-10RG	EAK24-6R0G			
Rated output voltage and current*1		5V • 30A	12V • 12.5A	15V • 10A	24V • 6.3A			
Maximur	n output power	W	150	150	150	151.2		
INPUT C	ONDITIONS			·	·			
Input vol	tage	V	Eac(V)85 to 132[Rati	ng: 100 to 115] Edc(V)110 to	175			
nput fre	quency	Hz	47 to 66[Rating: 50 to 60](Single phase)					
Input cui	rent	A	4/3.3/2.9max.[AC.85/	(100/115V]				
Fuse rat	ing	A	6.3[Built-in]					
Surge cu	irrent	A	15 to 17max.[Input a	nd output ratings] 1st surge c	urrent, reset after 30s minimu	um.		
eakage	current	mA	0.5max.[Input and ou	tput ratings]				
Efficienc	у	%	78typ.	80typ.	81typ.	82typ.		
OUTPU	CHARACTERIST	ICS		·		·		
Output v	oltage Edc	V	5	12	15	24		
Voltage	variable range Edc	V	4.5 to 5.5	10.8 to 13.2	13.5 to 16.5	21.6 to 26.4		
Maximur	n output current	A	30	12.5	10	6.3		
Overvolt	age threshold Edc	V	6 to 6.9	13.7 to 15.7	17 to 19	27 to 30.5		
Overcurrent threshold A		33 to 40.5	13.7 to 16.8	11 to 13.5	6.9 to 8.5			
Voltage stability	Input variation	%	±1max.(±0.3typ.)[Within the input voltage range]					
	Load variation	%	±1.5max.(±0.6typ.)[10 to 100% load] Total variation ±3max.(±1typ.)					
	Temperature variation	%	±1max.(±0.3typ.)[Ambient temperature: -10 to +60°C]					
	Drift	%	0.5max.[25°C, input and output ratings, after input voltage ON for 30min to 8h]					
	Dynamic load	%/ms	±4max./1max.[50 to 100% sudden load change]					
Ripple E	р-р	mV	50max.(30typ.)	80max.(40typ.)	80max.(40typ.)	100max.(50typ.)		
Ripple n	oise Ep-p	mV	120max.	190max.	220max.	310max.		
Start up	time	ms	150max.					
Hold up	time	ms	20min./17min.[0 to +60/-10 to 0°C]					
AUXILIA	RY FUNCTIONS							
ndicator	display		LED(Red) indicates when voltage output is ON.					
Overvolt	age protection		Voltage shut-down type, recovers upon reset(interval approx. 70s).					
Overcuri	ent protection		Fixed current and voltage threshold type, automatic recovery.					
Remote	ON-OFF		No					
Remote	0		No					
Output voltage external variable function		No						
STAND	ARDS							
Safety standards			UL1950-3 approved.					
Noise terminal voltage		FCC class B compliant.						
CONST	RUCTIONS							
External dimensions mm		95×65×220[H×W×L]						
Weight kg		1.5max.						
Mounting	g method		Can be attached to 2 sides.					
Case ma	aterial		Cover: Zinc-plated in	on				
*1 Curror	t rating(maximum a		nt) is determined for -1	$0 \text{ to } \pm 40^{\circ}\text{C}$ Denoting is requi	ired when used outside this t	omporaturo rango		

E SERIES EAK-G150W TYPE

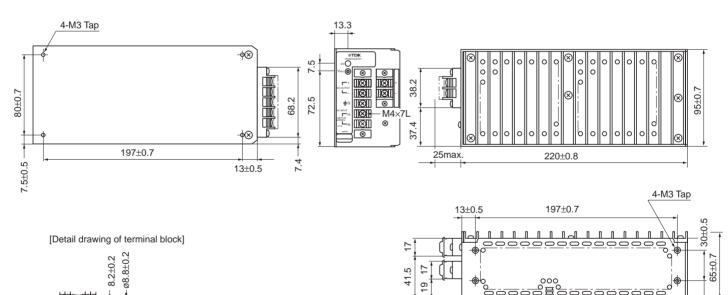
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SHAPES AND DIMENSIONS EAK-G150W TYPE

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Dimensions in mm ±1mm : without specified dimensions



Note)

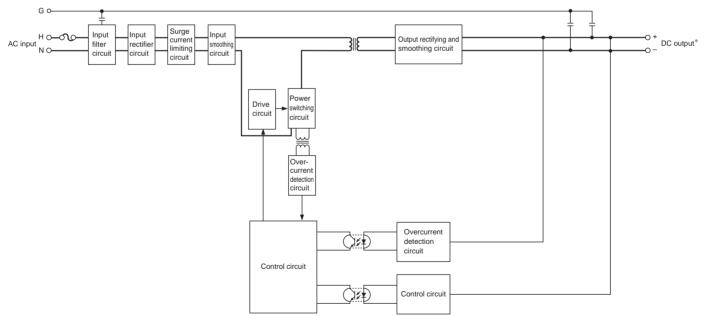
- Do not insert M3 tap installation screws more than 7mm from surface of power supply.
- Output terminals on 2 places. Connect both terminals when output current was over 25A.

17.5±0.5 -

Characteristics, Functions, and Applications

BLOCK DIAGRAM 15W AND 30W TYPES G O-Only for H15W type Surge Input Input Input -O+ -Oно_00-AC input N O Output rectifying and current limiting circuit filter circuit rectifie circuit smoothin circuit 3115 smoothing circuit Over-current Power witching detection circuit circuit Drive circuit Overcurrent ()#D detection circuit Control circuit C/2 Control circuit

50W, 100W AND 150W TYPES

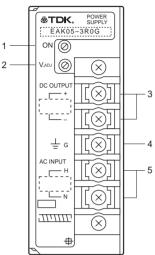


* The 150W type provides 2 each + and - output terminals.

Characteristics, Functions, and Applications

TERMINAL DESIGNATIONS AND FUNCTIONS 15W TYPE(30W, 50W) **100W TYPE**

1





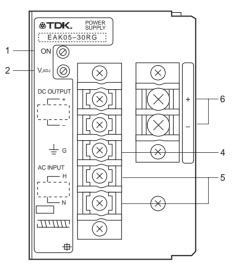
- 2 Output voltage adjustment trim(V.ADJ) Adjusts output voltage. The output voltage increases by rotating it clockwise.
- 3 DC output terminals(DC OUTPUT +, -) Connect to load.

COMMON SPECIFICATIONS

4 Frame ground terminal(G) Connect to earth ground. This is connected to the case.

⊕TDK. POWER SUPPLY EAK05-20RG 2. $| \oslash$ V.... (X)DC OUTPU (\mathbf{X}) 3 ⊥_ G Δ AC INPUT 5 N \overline{mm} $(\mathbf{X}$ +

150W TYPE



5 AC input terminals(H, N, AC INPUT) Connect to AC.100/115V (EAK-G) or AC. 200/230V (EAK-HG) single phase input line.

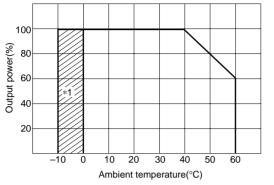
6 Direct output terminal(DC OUTPUT, +, -, +, -) 150W Type

Connect a load line to this terminal. Allowable current per pin is 25A max. A use of two pins each is recommended.

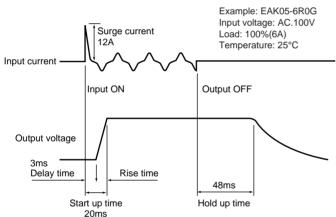
Temperature and hur	nidity					
Tomporatura rango	Operating(°C)	-10 to +60 Derating is necessary when operating environment temperature exceed 40%				
Temperature range	Storage(°C)	-25 to +75				
Humidity range	Operating(%)RH	20 to 95[Maximum wet-bulb temperature: 35°C, without dewing]				
runnung range	Storage(%)RH					
Amplitude and vibrat	ion					
Amplitude	5 to 10Hz	All amplitude 10mm[3 directions, each 1h]				
Amplitude	10 to 200Hz	Acceleration 19.6m/s ² [2G, 3 directions, each 1h]				
Vibration	Acceleration	588m/s ² [60G, 3 directions, each 3 times]				
VIDIALION	Vibration time	11±5ms				
Withstand voltage an	d insulation resistance					
Withstand voltage	Input terminal to case(G)	- Eac(kV)2, 1min[Normal temperature, normal humidity, cutout current 10mA]				
Willistand Voltage	Input terminal to output terminal					
	Input terminal to case(G)					
Insulation resistance	Input terminal to output terminal	Edc(V)500, 100MΩ min. [Normal temperature, normal humidity]				
	Output terminal to case(G)					

Characteristics, Functions, and Applications

OUTPUT POWER-AMBIENT TEMPERATURE(DERATINGS)



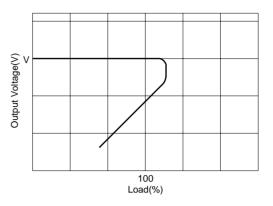
- $^{\ast 1}$ Different standards are used for ripple, noise, and hold up time in a range of -10 to $0^{\circ}C.$
- For use at 40°C or higher temperature, reduce the output power based on the above table.
- When starting the power supply at 0°C or lower ambient temperature, the output ripple, the start up time, the hold up time or the like may not satisfy the specification values.



SURGE CURRENT AND START UP TIME • HOLD UP TIME

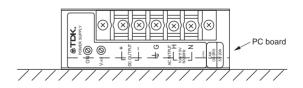
OVERCURRENT PROTECTION

- If short or load current in the load side is excessive, the output voltage is automatically decreased.
- The output voltage automatically recovers upon a release from the overload condition.
- The 15W and 30W types have the load characteristics as shown below. Therefore, the rated output voltage possibly cannot be maintained if the rated output current is exceeded as peak current at the start-up or during operation. Be careful in case of large current flowing at the start-up of a motor or the like. There is no problem for use within a range of normal rated current.



INSTALLATION 15mm min 15mm min 1 **⊕TDK ⊛TDK** 0 0 (\mathbf{X}) Vaca ⊘ (\times) \otimes Ventilation hole Ventilation No ventilation \otimes ∔G \otimes \mathbb{N} No ventilation hole \otimes \otimes 10mm min

- The ventilation holes are provided on three surfaces, top, bottom, and side surfaces. Install each power supply in such a way as to provide sufficient ventilation.
- Maintain a 15mm min. distance from surrounding equipment, etc. and a 10mm min. distance from the bottom up to the power supply.
- Tapped holes for M3 are located on the bottom and side surfaces. Mount the power supply with M3 screws. During the mounting, be careful not to insert the screw 7mm or deeper from the surface of the product.



• If the power supply is laterally installed, the heat dissipation is slightly deteriorated due to a difference from the natural convectional direction.

Derating of 60 to 80% is recommended.

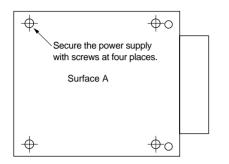
Install the power supply so that the inside PC board is located at the bottom.



Characteristics, Functions, and Applications

VIBRATION PROOF

For equipment in which the vibration proof is significant, install the power supply with the tapped holes for installation located at four places on the surface A as shown below. Note that, however, this installation is intended only for EAK 15W, 30W, and 50W types.



OTHERS

- 1. Unless conditions are otherwise specified in the specifications or standards, 25°C and rated input-output should be applied.
- 2. Two or more EAK-G 150W type units cannot be used with output terminals connected in parallel.

A122_EAK_G 001127

