SWITCHING ELEGANCE POWER SUPPLY







AC input range selectable by switch Withstand 300VAC surge input for 5 second No load power consumption<0.2W Miniature size and 1U low profile High operating temperature up to 70 $^\circ C$ Protections: Short circuit / Overload / Over voltage / Over temperature Cooling by free air convection Compliance to IEC/EN 60335-1(PD3) and IEC/EN61558-1, 2-16 for household appliances Operating altitude up to 5000 meters Withstand 5G vibration test High efficiency, long life and high reliability LED indicator for power on 100% full load burn-in test 1 years warranty

Applications

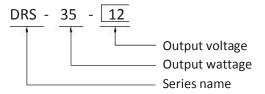
Industrial automation machinery Industrial control system Mechanical and electrical equipment Electronic instruments, equipments or Apparatus Household appliances

Description

DRS-35 series is a 35W single-output enclosed type power supply with 30mm of low profile design. Adopting the input of 115VAC or 230VAC, the entire series provides an output voltage line of 12V, 15V, 24V, 36V and 48V.

In addition to the high efficiency up to 90%, the design of metallic mesh case enhances the heat dissipation of DRS-35 that the whole series operates from -30 $^{\circ}$ C through 70 $^{\circ}$ C under air convection without a fan. Deliveri ng an extremely low no load power consumption (less than 0.2W), it allows the end system to easily meet the worldwide energy requirement. DRS-35 has the complete protection functions and 5G anti-vibration capability; It is complied with the international safety regulations such as TUV EN60950-1,EN60335-1,EN61558-1/-2-16, UL60950-1 and GB4943. DRS-35 series serves as a high price-to-performance power supply solution for various industrial applications.

Model Encoding

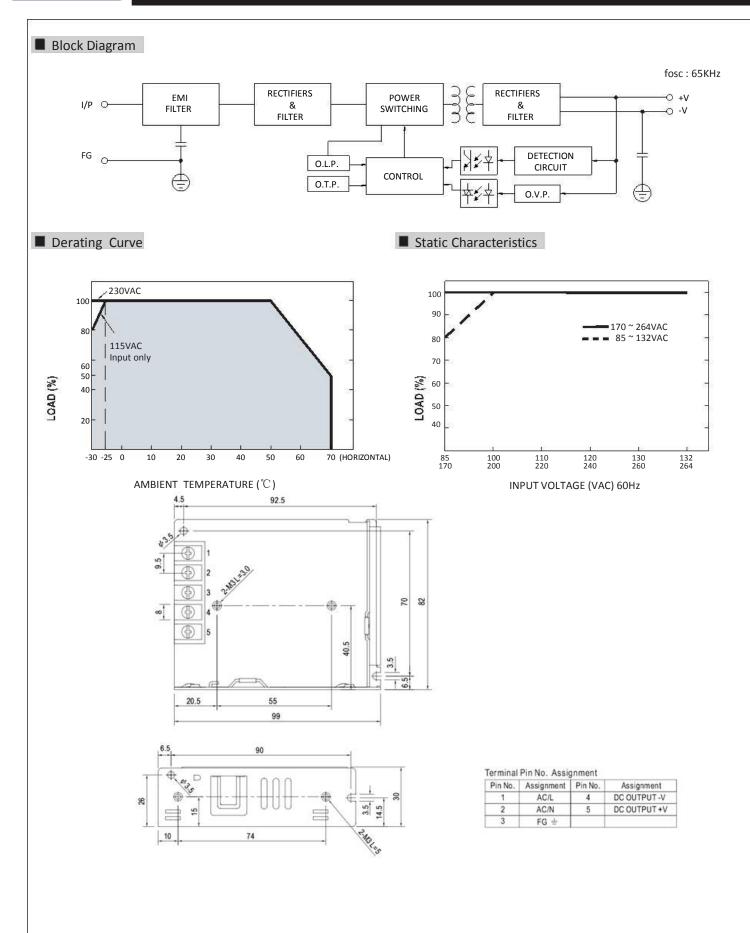




SPECIFICA	TION		2			1			
MODEL		DRS-35-12	DRS-35-15	DRS-35-24	DRS-35-36	DRS-35-48			
	DC VOLTAGE	12V	15V	24V	36V	48V			
	RATED CURRENT	3.0A	2.4A	1.5A	1.0A	0.8A			
	CURRENT RANGE	0~3.0A	0~2.4A	0~1.5A	0~1.0A	0~0.8A			
	RATED POWER	35W	35W	36W	36W	36W			
	RIPPLE & NOISE (max.) Note	2 120mVp-p	120mVp-p	150mVp-p	200mVp-p	200mVp-p			
ουτρυτ	VOLTAGE ADJ. RANGE	10.2 ~ 13.8V	13.5 ~ 18V	21.6 ~ 28.8V	32.4 ~ 39.6V	43.2 ~ 52.8V			
001101	VOLTAGE TOLERANCE Note.		±1.0%	±1.0%	±1.0%	±1.0%			
	LINE REGULATION Note.4		±0.5%	±0.5%	±0.5%	±0.5%			
	LOAD REGULATION Note.5		±0.5%	±0.5%	±0.5%	±0.5%			
	SETUP, RISE TIME	500ms, 30ms/230VA		L5VAC at full load					
	· ·	, .	ns/115VAC at f ull load						
	HOLD UP TIME (Typ.)	-							
	VOLTAGE RANGE	85 ~ 132VAC / 170 ~	264VAC by switch	240 ~ 370VDC(swite	ch on 230VAC)				
	FREQUENCY RANGE	47 ~ 63Hz			1				
INPUT	EFFICIENCY (Typ.)	86%	86%	86%	88%	89%			
	AC CURRENT (Typ.)	0.7A/115VAC 0.42A/230VAC							
	INRUSH CURRENT (Typ.)	COLD STAR 45A/230VAC							
3	LEAKAGE CURRENT	<0.75mA / 240VAC							
		110 ~ 140% rated output power							
PROTECTION	OVER LOAD	Protection type : Hiccup mode, recovers automatically after fault condition is removed							
	OVER VOLTAGE	13.8 ~ 16.2V	18.75 ~ 21.75V	28.8 ~ 33.6V	41.4 ~ 48.6V	55.2 ~ 64.8V			
	OVER VOLTAGE	Protection type : Shut down o/p voltage, re-power on to recover							
	OVER TEMPERATURE	Shut down o/p voltage, re-power on to recover							
	WORKING TEMP.	-30 $^{\sim}$ +70 $^{\circ}\mathrm{C}$ (Refer to "Derating Curve")							
	WORKING HUMIDITY	20 ~ 90% RH non-condensing							
ENVIRONME	NT STORAGE TEMP., HUMID	DITY -40 ~ +85 °C , 10 ~ 95% RH							
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)							
	VIBRATION	10 ~ 500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes							
	SAFETY STANDARDS	UL60950-1, TUV EN	60950-1, EN60335-1,	EN61558-1 /-2-16,CC	C GB4943 approved				
SAFETY &	WITHSTAND VOLTAGE	UL60950-1, TUV EN60950-1, EN60335-1, EN61558-1 /-2-16,CCC GB4943 approved I/P-O/P:3.75KVAC I/ P-FG:2 KVAC O/P-FG:1.25 KVAC							
EMC	ISOLATION RESISTANCE	I/ P-O/P, I/ P-FG, O/P-FG:100M Ohms / 500VDC / 25 °C / 70% RH							
(Note 7)	EMC EMISSION	Compliance to EN55022 (CISPR22), GB9254 Class B, EN55014, EN61000-3-2Class A(\leq 75% Load),EN61000-3-3							
	EMC IMMUNITY	Compliance to EN5022 (CISPR22), GB9254 Class B, EN50014, EN61000-3-2Class A(A(75% Load), EN61000-3-3Compliance to EN61000-4-2,3,4,5,6,8,11, EN61000-6-2 (EN50082-2), heavy i ndustry l evel							
8	MTBF		L-HDBK-217F (25 ℃)						
OTHERS	DIMENSION								
OTTIEND	PACKING	99*83*30mm (L*W*H) 0.2Kg ; 60pcs/13.0Kg/35.6*32.5*38CM							
NOTE		£		t rated load and 25°C	of ambient temperatur	· •			
	 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 °C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel c 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Line regulation is measured from low line to high line at rated load. 5. Load regulation is measured at cold first start. Turning ON/OFF the power supply very quickly may lead to increase of the time. 7. The power supply is considered a component which will be installed into a final equipment. All the EMC tests are been executed mounting the unit on a 360mm*360mm metal plate with 1mm of thickness. The final equipment must be re-confirmed that it set. 8. The ambient temperature derating of 5 °C /1000m is needed for operating altitude greater than 2000m (6500ft). 					parallel capacitor. ase of the set up en executed by ed that it still meets			



DRS-35 series







AC input range selectable by switch

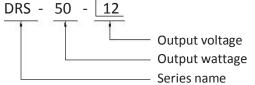
- Withstand 300VAC surge input for 5 second
- No load power consumption<0.2W
- Miniature size and 1U low profile
- High operating temperature up to 70 $\,^\circ\!\mathrm{C}$
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Cooling by free air convection
- Compliance to IEC/EN 60335-1(PD3) and IEC/EN61558-1, 2-16 for household appliances
- Operating altitude up to 5000 meters
- Withstand 5G vibration test
- High efficiency, long life and high reliability
- LED indicator for power on 100% full load burn-in test
- 1 years warranty

Description

DRS-50 series is a 50W single-output enclosed type power supply with 30mm of low profile design. Adopting the input of 115VAC or 230VAC, the entire series provides an output voltage line of 12V, 15V, 24V, 36V and 48V.

In addition to the high efficiency up to 90%, the design of metallic mesh case enhances the heat dissipation of DRS-50 that the whole series operates from -30°C through 70°C under air convection without a fan. Deliveri ng an extremely low no load power consumption (less than 0.2W), it allows the end system to easily meet the worldwide energy requirement. DRS-50 has the complete protection functions and 5G anti-vibration capability; It is complied with the international safety regulations such as TUV EN60950-1,EN60335-1,EN61558-1/-2-16, UL60950-1 and GB4943. DRS-50 series serves as a high price-to-performance power supply solution for various industrial applications.

Model Encoding



Applications

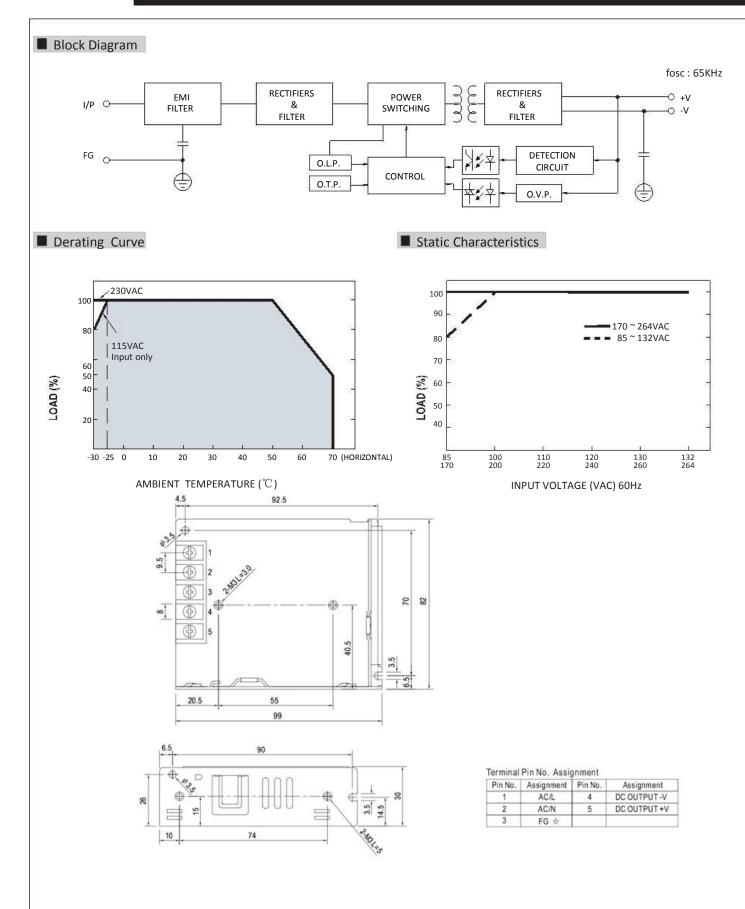
Industrial automation machinery Industrial control system Mechanical and electrical equipment Electronic instruments, equipments or Apparatus Household appliances



SPECIFICA	TION			8	9				
MODEL		DRS-50-12	DRS-50-15	DRS-50-24	DRS-50-36	DRS-50-48			
	DC VOLTAGE	12V	15V	24V	36V	48V			
	RATED CURRENT	4.2A	3.4A	2.2A	1.45A	1.1A			
	CURRENT RANGE	0~4.2A	0~3.4A	0~2.2A	0~1.45A	0~1.1A			
	RATED POWER	50W	50W	50W	50W	50W			
	RIPPLE & NOISE (max.) Note	.2 120mVp-p	120mVp-p	150mVp-p	200mVp-p	200mVp-p			
OUTPUT	VOLTAGE ADJ. RANGE	10.2 ~ 13.8V	13.5 ~ 18V	21.6 ~ 28.8V	32.4 ~ 39.6V	43.2 ~ 52.8V			
	VOLTAGE TOLERANCE Note.	3 ±1.0%	±1.0%	±1.0%	±1.0%	±1.0%			
	LINE REGULATION Note.4	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%			
	LOAD REGULATION Note.5		±0.5%	±0.5%	±0.5%	±0.5%			
	SETUP, RISE TIME	500ms, 30ms/230VA	C 500ms,30ms/1	15VAC at full load					
	HOLD UP TIME (Typ.)		ms/115VAC at full load						
	VOLTAGE RANGE	85 ~ 132VAC / 170 ~	264VAC by switch	240 ~ 370VDC(swite	ch on 230VAC)				
	FREQUENCY RANGE	47 ~ 63Hz			,				
	EFFICIENCY (Typ.)	86%	88%	88%	89%	89%			
INPUT	AC CURRENT (Typ.)	0.95A/115VAC	0.56A/230VAC						
	INRUSH CURRENT (Typ.)	COLD STAR 45A/230VAC							
	LEAKAGE CURRENT	<0.75mA / 240VAC							
		110 ~ 140% rated output power							
	OVER LOAD	Protection type : Hiccup mode, recovers automatically after fault condition is removed							
PROTECTION	OVER VOLTAGE	13.8 ~ 16.2V	18.75 ~ 21.75V	28.8 ~ 33.6V	41.4 ~ 48.6V	55.2 ~ 64.8V			
				19		00012 01100			
	OVER TEMPERATURE	Protection type : Shut down o/p voltage, re-power on to recover Shut down o/p voltage, re-power on to recover							
	WORKING TEMP.	$-30 \sim +70^{\circ}$ (Refer to "Derating Curve")							
	WORKING HUMIDITY	20 ~ 90% RH non-condensing							
FNVIRONME		20 ~ 90% RH non-condensing							
	TEMP. COEFFICIENT								
	VIBRATION	±0.03%/℃ (0 ~ 50℃) 10 ~ 500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes							
-	SAFETY STANDARDS		· · ·	<u> </u>	C CR4042 approved				
		UL60950-1, TUV EN60950-1, EN60335-1, EN61558-1 /-2-16,CCC GB4943 approved I/P-O/P:3.75KVAC I/ P-FG:2 KVAC O/P-FG:1.25 KVAC							
	WITHSTAND VOLTAGE								
EMC (Note 7)		I/ P-O/P, I/ P-FG, O/P-FG:100M Ohms / 500VDC / 25 °C / 70% RH							
(/	EMC IMMUNITY	Compliance to EN55022 (CISPR22), GB9254 Class B, EN55014, EN61000-3-2Class A(≤75% Load),EN61000-3-3 Compliance to EN61000-4-2,3,4,5,6,8,11, EN61000-6-2 (EN50082-2), heavy i ndustry I evel							
	MTBF	·	IL-HDBK-217F(25 ℃	· · · · · · · · · · · · · · · · · · ·	52-2), Heavy Thuustry 1	ever			
OTUERC		99*83*30mm (L*W*	•	1					
OTHERS	DIMENSION	0.2Kg ; 60pcs/13.0Kg	•						
	PACKING			· · · · · · · · · · · · · · · · · · ·	6 11 11 1				
NOTE	 All parameters NOT species Ripple & noise are measured. Tolerance : includes set of Line regulation is measured. Load regulation is measured. Length of set up time is retime. The power supply is consimounting the unit on a 3 EMC directives. For guidation 	ured at 20MHz of band up tolerance, line regula red from low line to hig ured from 0% to 100% r neasured at cold first s sidered a component w 60mm*360mm metal p	width by using a 12" tw ation and load regulatio h line at rated load. ated load. tart. Turning ON/OFF th hich will be installed ir blate with 1mm of thick	isted pair-wire termina on. ne power supply very qu ito a final equipment. A ness. The final equipme	ted with a 0.1uf & 47uf uickly may lead to incre Il the EMC tests are bee ent must be re-confirme	parallel capacitor. ase of the set up en executed by ed that it still meets			
	8. The ambient temperatur	e derating of 5 $^\circ C$ /1000	Im is needed for operat	ing altitude greater tha	n 2000m (6500ft).				



DRS-50 series







AC input range selectable by switch Withstand 300VAC surge input for 5 second No load power consumption<0.2W Miniature size and 1U low profile High operating temperature up to 70 $^\circ C$ Protections: Short circuit / Overload / Over voltage / Over temperature Cooling by free air convection Compliance to IEC/EN 60335-1(PD3) and IEC/EN61558-1, 2-16 for household appliances Operating altitude up to 5000 meters Withstand 5G vibration test High efficiency, long life and high reliability LED indicator for power on 100% full load burn-in test 1 years warranty

Applications Industrial automation machinery Industrial control system Mechanical and electrical equipment Electronic instruments, equipments or Apparatus Household appliances

Description

DRS-75 series is a 75W single-output enclosed type power supply with 30mm of low profil e design. Adopting the input of 115VAC or 230VAC(selectable by switch), the entire series provides an output voltage line of 12V, 15V, 24V, 36V and 48V.

In addition to the high efficiency up to 90%, the design of metallic mesh case enhances the heat dissipation of DRS-75 that the whole series operates from -30°C through 70°C under air convection without a fan. Delivering an extremely low no load power consumption (less than 0.3W), it allows the end system to easily meet the worldwide energy requirement. DRS-75 has the complete protection functions and 5G anti-vibration capability; It is complied with the international safety regulations such as TUV EN60950-1,EN60335-1,EN61558-1/-2-16, UL60950-1 and GB4943. DRS-75 series serves as a high price-to-performance power supply solution for various industrial applications.

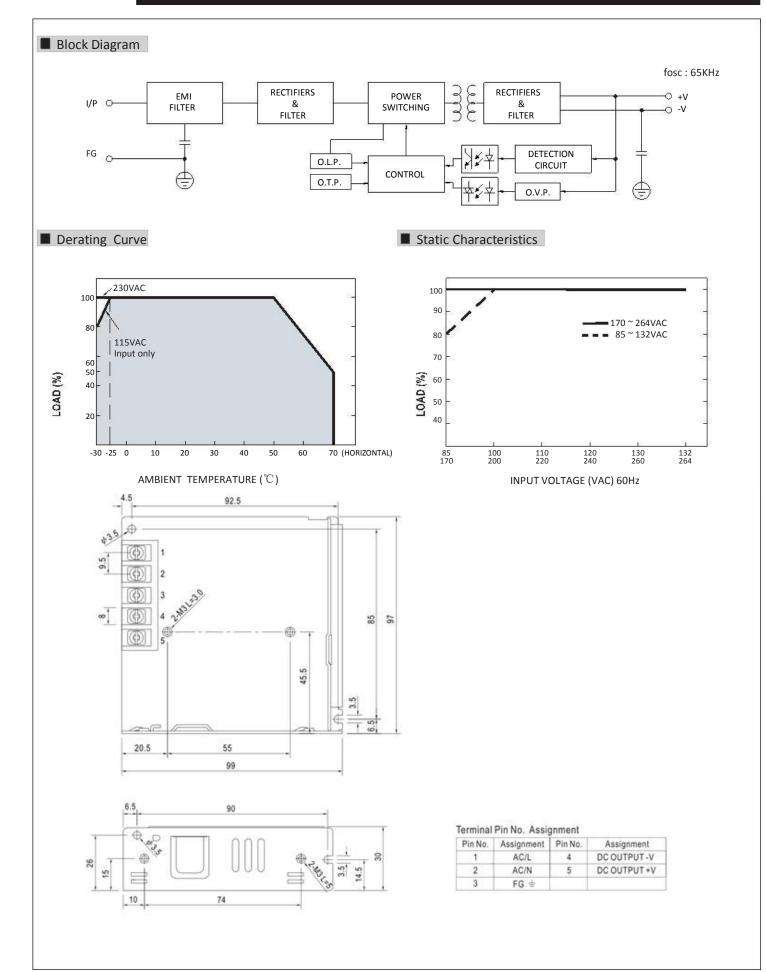
Model	Enco	oding	
DRS -	75	- 12	
1			Output voltage
			Output wattage
			Series name



.HON				a				
	DRS-75-12	DRS-75-15	DRS-75-24	DRS-75-36	DRS-75-48			
DC VOLTAGE	12V	15V	24V	36V	48V			
RATED CURRENT	6.0A	5.0A	3.2A	2.1A	1.6A			
CURRENT RANGE	0~6.0A	0~5.0A	0~3.2A	0~2.1A	0~1.6A			
RATED POWER	75W	75W	75W	75W	75W			
RIPPLE & NOISE (max.) Note	2 120mVp-p	120mVp-p	150mVp-p	200mVp-p	200mVp-p			
VOLTAGE ADJ. RANGE	10.2 ~ 13.8V	13.5 ~ 18V	21.6 ~ 28.8V	32.4 ~ 39.6V	43.2 ~ 52.8V			
VOLTAGE TOLERANCE Note.	в ±1.0%	±1.0%	±1.0%	±1.0%	±1.0%			
LINE REGULATION Note.4	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%			
		±0.5%	±0.5%	±0.5%	±0.5%			
SETUP, RISE TIME	500ms, 30ms/230VA	C 500ms,30ms/11	.5VAC at full load					
HOLD UP TIME (Typ.)								
VOLTAGE RANGE	85 ~ 132VAC / 170 ~ :	264VAC by switch	240 ~ 370VDC(swite	ch on 230VAC)				
FREQUENCY RANGE	47 ~ 63Hz							
EFFICIENCY (Typ.)	89%	89%	90%	91.5%	91.5%			
	1.4A/115VAC 0.3			1				
INRUSH CURRENT (Typ.)	COLD STAR 50A/230VAC							
LEAKAGE CURRENT	<0.75mA / 240VAC							
	110 ~ 150% rated output power							
OVER LOAD								
OVER VOLTAGE	13.8 ~ 16.2V	18.75 ~ 21.75V	28.8 ~ 33.6V	41.4 ~ 48.6V	55.2 ~ 64.8V			
OVER TEMPERATURE								
WORKING TEMP.	$-30 \sim +70^{\circ}$ (Refer to "Derating Curve")							
TEMP. COEFFICIENT								
VIBRATION								
SAFETY STANDARDS			0, ,	C GR4943 approved				
	I/P-O/P:3.75KVAC I/ P-FG:2 KVAC O/P-FG:1.25 KVAC							
ISOLATION RESISTANCE								
EMC EMISSION								
EMC IMMUNITY								
MTBF	· · ·							
		•						
 PACKING 0.22 Kg, 00 pC3/13.0 Kg/32/23/38CM All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 °C of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uf & 47 uf parallel capacitor. Tolerance : includes set up tolerance, line regulation and load regulation. Line regulation is measured from low line to high line at rated load. Load regulation is measured from 0% to 100% rated load. Length of set up time is measured at cold first start. Turning ON/OFF the power supply very quickly may lead to increase of the set up time. The power supply is considered a component which will be installed into a final equipment. All the EMC tests are been executed by mounting the unit on a 360mm*360mm metal plate with 1mm of thickness. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to EMI testing of component power supplies. The ambient temperature derating of 5°C/1000m is needed for operating altitude greater than 2000m (6500ft). 								
	DC VOLTAGERATED CURRENTCURRENT RANGERATED POWERRATED POWERRATED POWERRIPPLE & NOISE (max.) NOTEVOLTAGE ADJ. RANGEVOLTAGE TOLERANCE NOTE.LINE REGULATION NOTE.4LOAD REGULATION NOTE.5SETUP, RISE TIMEHOLD UP TIME (Typ.)VOLTAGE RANGEFREQUENCY RANGEEFFICIENCY (Typ.)AC CURRENT (Typ.)INRUSH CURRENT (Typ.)LEAKAGE CURRENT (Typ.)LEAKAGE CURRENT (Typ.)VOER LOADOVER VOLTAGEOVER NOLTAGEOVER VOLTAGEWORKING TEMP.WORKING TEMP.WORKING TEMP.VIBRATIONSAFETY STANDARDSWITHSTAND VOLTAGEISOLATION RESISTANCEEMC EMISSIONEMC IMMUNITYMTBFDIMENSION1. All parameters NOT spect2. Ripple & noise are measured3. Tolerance : includes set of the	DC VOLTAGE12VRATED CURRENT6.0ACURRENT RANGE0 ~ 6.0ARATED POWER75WRIPPLE & NOISE (max.) Note2 120mVp-pVOLTAGE ADJ. RANGE10.2 ~ 13.8VVOLTAGE TOLERANCE Note.3 ±1.0%1000000000000000000000000000000000000	DRS-75-12DRS-75-15DC VOLTAGE12V15VRATED CURRENT6.0A5.0ACURRENT RANGE0~6.0A0~5.0ARATED POWER75W75WRIPPLE & NOISE (max.) Note2 120mVp-p120mVp-pVOLTAGE ADJ. RANGE10.2 ~ 13.8V13.5 ~ 18VVOLTAGE TOLERANCE Note3 ±1.0%±1.0%LINE REGULATION Notes±0.5%±0.5%LOAD REGULATION Notes500ms, 30ms/230V-500ms, 30ms/11HOLD UP TIME (Typ.)40ms/230VAC 35-//15VAC at f ull loadVOLTAGE RANGE85 ~ 132VAC / 170 ~ 2-4VAC by switchFREQUENCY RANGE85 ~ 132VAC / 170 ~ 2-4VAC by switchFREQUENCY RANGE89%AC CURRENT (Typ.)89%AC CURRENT (Typ.)1.4A/115VACVER LOADCOLD STAR 50A/23/VACINRUSH CURRENTCOLD STAR 50A/23/VACOVER LOAD10~ 150% rated o-LUP mode, recovers auOVER VOLTAGEShut down o/p voltage, reOVER NOLTAGEShut down o/p voltage, reOVER NOLTAGE20 ~ 90% RH non-c	DRS-75-12 DRS-75-15 DRS-75-24 DC VOLTAGE 12V 15V 24V RATED CURRENT 6.0A 5.0A 3.2A CURRENT RANGE 0~6.0A 0~5.0A 0~3.2A RATED POWER 75W 75W 75W RIPPLE & NOISE (max) Note 2120mVp-p 13.5mVp.p 10.0mVp.p VOLTAGE ADL RANGE 10.2 ~ 13.8V 13.5 ~ 18V 21.6 ~ 28.8V VOLTAGE TOLERANCE Note ±1.0% ±1.0% ±1.0% LINE REGULATION Note ±0.5% ±0.5% ±0.5% SETUP, RISE TIME 500ms, 30ms/230VAC 500ms, 30ms/13VAC at f ull load HOLD UP TIME (Typ.) 40m/230VAC 0.85A/230VAC ±0.5% SETUP, RISE TIME 500ms, 30ms/230VAC 240 ~ 370VDC(swite REQUENCY RANGE 47 ~ 63Hz ±0 ~ 370VDC(swite FREQUENCY RANGE 47 ~ 63Hz ±0 ~ 370VDC(swite OVER LOAD 13.4 ~ 115VAC 0.85A/230VAC ±0 ~ 370VDC(swite fault OVER VOLTAGE 13.8 ~ 16.2V 18.7 ~ 21.7 SV 28.8 ~ 33.6V OVER VOLTAGE	DRS 75-12 DRS 75-13 DRS 75-24 DRS 75-36 DC VOLTAGE 12V 15V 24V 36V RATED CURRENT 6.0A 5.0A 3.2A 2.1A CURRENT RANCE 0 ~ 5.0A 0 ~ 3.2A 0 ~ 2.1A RATED POWER 75W 75W 75W 75W RIPDE & NOISE (max.) Note 2 120mVp-p 120mVp-p 150mVp-p 200mVp-p VOLTAGE TOLERANCE Note 10.5 * 13.5 ~ 18.V 1.6 * 28.8V 32.4 * 39.6V VOLTAGE TOLERANCE Note 40.5 * 40.5 * 40.5 * 40.5 * LOAD REGULATION Note 40.5 * 40.5 * 40.5 * 40.5 * VOLTAGE TOLERANCE Note 50ms, 30m5/230VAC 50ms, 30m5/15VAC at full load 10.5 * VOLTAGE RANCE 50ms, 30m5/230VAC 240 * 370VDC(switch or 230VAC) 250 * 370VDC(switch or 230VAC) FREQUENCY RANGE 47 * 63H2 240 * 370VDC(switch or 230VAC) 250 * 370VDC(switch or 230VAC) FREQUENCY CRANGE 47 * 63H2 240 * 370VDC(switch or 230VAC) 250 * 370VDC(switch or 230VAC) FREQUENCY FANGE 12.4 *			

ELEGANCE 7

DRS-75 series







AC input range selectable by switch Withstand 300VAC surge input for 5 second No load power consumption<0.3W Miniature size and 1U low profile High operating temperature up to 70 $^{\circ}$ C Protections: Short circuit / Overload / Over voltage / Over temperature Cooling by free air convection Compliance to IEC/EN 60335-1(PD3) and IEC/EN61558-1, 2-16 for household appliances Operating altitude up to 5000 meters Withstand 5G vibration test High efficiency, long life and high reliability LED indicator for power on 100% full load burn-in test 1 years warranty

Applications
 Industrial automation machinery
 Industrial control system
 Mechanical and electrical equipment
 Electronic instruments, equipments or
 Apparatus Household appliances

Description

DRS-100 series is a 100W single-output enclosed type power supply with 30mm of low profil e design. Adopting the input of 115VAC or 230VAC, the entire series provides an output voltage line of 12V, 15V, 24V, 36V and 48V.

In addition to the high efficiency up to 90%, the design of metallic mesh case enhances the heat dissipation of DRS-100 that the whole series operates from -30 $^{\circ}$ C through 70 $^{\circ}$ C under air convection without a fan. Delivering an extremely low no load power consumption (less than 0.5W), it allows the end system to easily meet the worldwide energy requirement. DRS-100 has the complete protection functions and 5G anti-vibration capability; It is complied with the international safety regulations such as TUV EN60950-1,EN60335-1,EN61558-1/-2-16, UL60950-1 And GB4943. DRS-100 series serves as a high price-to-performance power supply solution for various industrial applications.

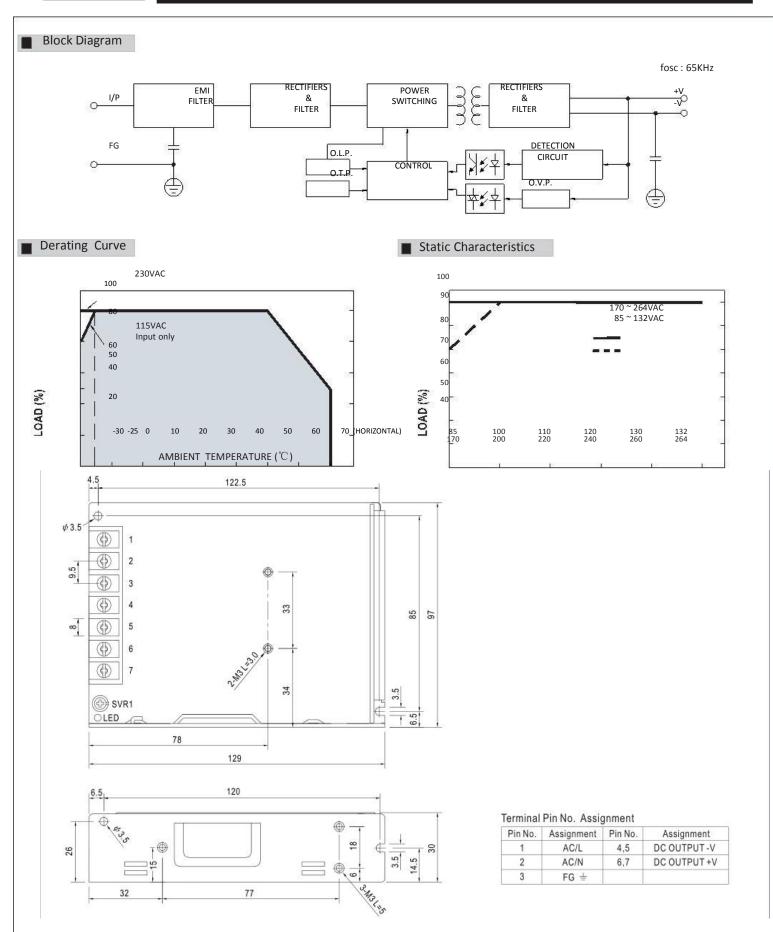
Model Encoding DRS 100 12 Output voltage Output wattage Series name



PECIFICA			8	8		1				
MODEL		DRS-100-12	DRS-100-15	DRS-100-24	DRS-100-36	DRS-100-48				
	DC VOLTAGE	12V	15V	24V	36V	48V				
	RATED CURRENT	8.5A	7.0A	4.5A	2.8A	2.3A				
	CURRENT RANGE	0~8.5A	0 ~ 7.0A	0~4.5A	0~2.8A	0~2.3A				
	RATED POWER	100W	100W	100W	100W	100W				
	RIPPLE & NOISE (max.) Note	.2 150mVp-p	150mVp-p	200mVp-p	200mVp-p	200mVp-p				
OUTPUT	VOLTAGE ADJ. RANGE	10.2 ~ 13.8V	13.5 ~ 18V	21.6 ~ 28.8V	32.4 ~ 39.6V	43.2 ~ 52.8V				
	VOLTAGE TOLERANCE Note.	3 ±1.0%	±1.0%	±1.0%	±1.0%	±1.0%				
	LINE REGULATION Note.4	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%				
	LOAD REGULATION Note.5	()	±0.5%	±0.5%	±0.5%	±0.5%				
	SETUP, RISE TIME	500ms, 30ms/230VA	C 500ms.30ms/1	L	2 1 ³	3				
	HOLD UP TIME (Typ.)	500ms, 30ms/230VAC 500ms, 30ms/115VAC at full load 40ms/230VAC 35ms/115VAC at f ull l oad								
	VOLTAGE RANGE	85 ~ 132VAC / 170 ~		240 ~ 370VDC(swite	rh on 230VAC)					
	FREQUENCY RANGE	47 ~ 63Hz	204 VAC by Switch	240 3700000(30000	ch on 230VAC)					
	EFFICIENCY (Typ.)		00 50/	0.001	00.5%	0.1%				
INPUT		88%	88.5%	90%	90.5%	91%				
	AC CURRENT (Typ.)	1.9A/115VAC 1.2A/230VAC								
	INRUSH CURRENT (Typ.)	COLD STAR 50A/230VAC								
	LEAKAGE CURRENT	<0.75mA / 240VAC								
	OVER LOAD	110 ~ 140% rated output power								
PROTECTION		Protection type : Hiccup mode, recovers automatically after fault condition is removed								
	OVER VOLTAGE	13.8 ~ 16.2V	18.75 ~ 21.75V	28.8 ~ 33.6V	41.4 ~ 48.6V	55.2 ~ 64.8V				
	OVERVOLIAGE	Protection type : Shut down o/p voltage, re-power on to recover								
	OVER TEMPERATURE	Shut down o/p voltage, re-power on to recover								
	WORKING TEMP.	$-30 \sim +70 ^{\circ}\text{C}$ (Refer to "Derating Curve")								
	WORKING HUMIDITY	20 ~ 90% RH non-condensing								
ENVIRONME	NT STORAGE TEMP., HUMID	DITY -40 ~ +85 °C , 10 ~ 95% RH								
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)								
	VIBRATION	10 ~ 500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes								
	SAFETY STANDARDS	UL60950-1. TUV EN	60950-1, EN60335-1,	EN61558-1 /-2-16.CC	C GB4943 approved					
SAFETY &	WITHSTAND VOLTAGE	· · · · · · · · · · · · · · · · · · ·	I/ P-FG:2 KVAC O/P-	· · · · ·	· · · · · · · · · · · · · · · · · · ·					
EMC	ISOLATION RESISTANCE	I/ P-O/P, I/ P-FG, O/P-FG:100M Ohms / 500VDC / 25 ℃/ 70% RH								
(Note 7)	EMC EMISSION	Compliance to EN55022 (CISPR22), GB9254 Class B, EN55014, EN61000-3-2Class A(<75% Load), EN61000-3-3								
	EMC IMMUNITY	Compliance to EN55022 (CISPR22), GB9254 Class B, EN55014, EN61000-3-2Class $A (> 75\% \text{ Load}), EN61000-3-3$ Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-2 (EN50082-2), heavy i ndustry l evel								
8	MTBF	601K h r s min. MIL-HDBK-217F (25 ℃)								
OTHERS	DIMENSION	134*97*30mm (L*W	•							
OTTERS		· ·	g/32.3*29.3*38.2CM							
NOTE	PACKING	6		t retail load and 25 °C	of embient temperature					
	 All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor Tolerance : includes set up tolerance, line regulation and load regulation. Line regulation is measured from low line to high line at rated load. Load regulation is measured from 0% to 100% rated load. Length of set up time is measured at cold first start. Turning ON/OFF the power supply very quickly may lead to increase of the set up time. The power supply is considered a component which will be installed into a final equipment. All the EMC tests are been executed by mounting the unit on a 360mm*360mm metal plate with 1mm of thickness. The final equipment must be re-confirmed that it still mee EMC directives. For guidance on how to perform these EMC tests, please refer to EMI testing of component power supplies. The ambient temperature derating of 5°C /1000m is needed for operating altitude greater than 2000m (6500ft). 					parallel capacitor. ase of the set up en executed by ed that it still meets				



DRS-100







AC input range selectable by switch Withstand 300VAC surge input for 5 second No load power consumption<0.5W Miniature size and 1U low profile High operating temperature up to 70 $^\circ C$ Protections: Short circuit / Overload / Over voltage / Over temperature Cooling by free air convection Compliance to IEC/EN 60335-1(PD3) and IEC/EN61558-1, 2-16 for household appliances Operating altitude up to 5000 meters Withstand 5G vibration test High efficiency, long life and high reliability LED indicator for power on 100% full load burn-in test 1 years warranty

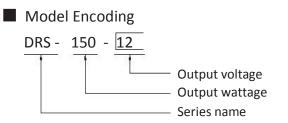
Applications

Industrial automation machinery Industrial control system Mechanical and electrical equipment Electronic instruments, equipments or Apparatus Household appliances

Description

DRS-150 series is a 150W single-output enclosed type power supply with 30mm of low profile design. Adopting the input of 115VAC or 230VAC(selectable by switch), the entire series provides an output voltage line of 12V, 15V, 24V, 36V and 48V.

In addition to the high efficiency up to 90%, the design of metallic mesh case enhances the heat dissipation of DRS-150 that the whole series operates from -30 $^{\circ}$ C through 70 $^{\circ}$ C under air convection without a fan. Deliveri ng an extremely low no load power consumption (less than 0.5W), it allows the end system to easily meet the worldwide energy requirement. DRS-150 has the complete protection functions and 5G anti-vibration capability; It is complied with the international safety regulations such as TUV EN60950-1,EN60335-1,EN61558-1/-2-16, UL60950-1 and GB4943. DRS-150 series serves as a high price-to-performance power supply solution for various industrial applications.





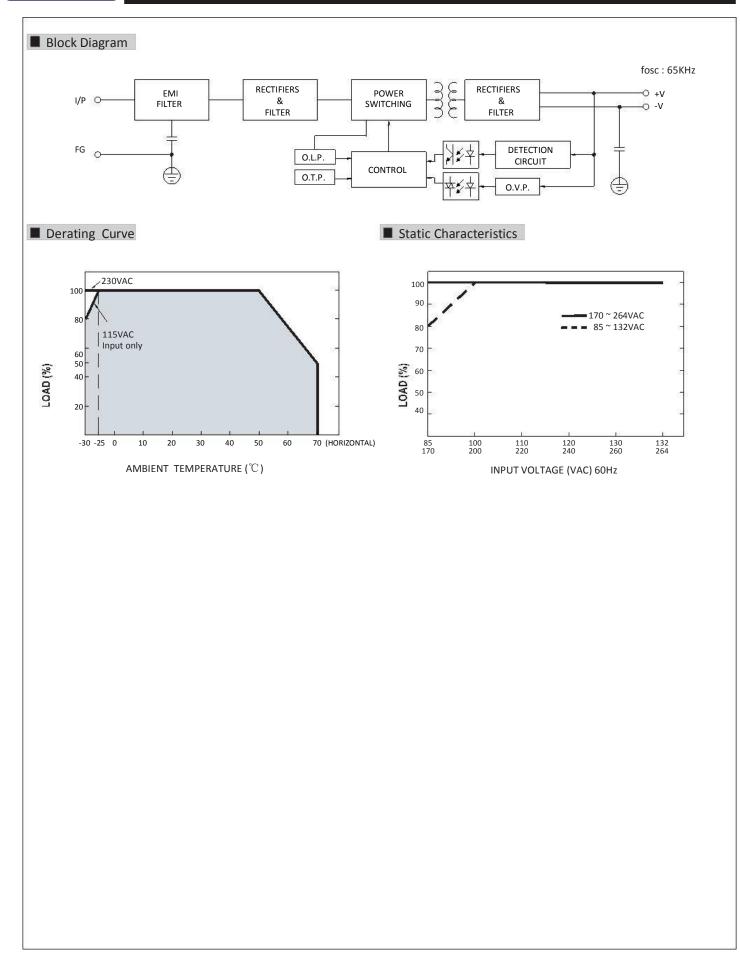
series

PECIFICA	TION		8		8	9			
MODEL		DRS-150-12	DRS-150-15	DRS-150-24	DRS-150-36	DRS-150-48			
	DC VOLTAGE	12V	15V	24V	36V	48V			
	RATED CURRENT	12.5A	10A	6.5A	4.3A	3.3A			
	CURRENT RANGE	0~12.5A	0~10.0A	0~6.5A	0~4.3A	0 ~ 3.3A			
	RATED POWER	150W	150W	150W	150W	150W			
	RIPPLE & NOISE (max.) Note	.2 150mVp-p	150mVp-p	200mVp-p	200mVp-p	200mVp-p			
DUTPUT	VOLTAGE ADJ. RANGE	10.2 ~ 13.8V	13.5 ~ 18V	21.6 ~ 28.8V	32.4 ~ 39.6V	43.2 ~ 52.8V			
	VOLTAGE TOLERANCE Note.	3 ±1.0%	±1.0%	±1.0%	±1.0%	±1.0%			
	LINE REGULATION Note.4	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%			
	LOAD REGULATION Note.5	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%			
	SETUP, RISE TIME	500ms, 30ms/230VA	C 500ms,30ms/1	15VAC at full load	-				
	HOLD UP TIME (Typ.)		ns/115VAC at f ull l o						
	VOLTAGE RANGE	85 ~ 132VAC / 170 ~		240 ~ 370VDC(swit	ch on 230VAC)				
	FREQUENCY RANGE	47 ~ 63Hz	204vite by Switch	240 370700(300					
	EFFICIENCY (Typ.)	87.5%	88.5%	89%	89%	90%			
NPUT			1	89%	8370	90%			
	AC CURRENT (Typ.) INRUSH CURRENT (Typ.)	2.8A/115VAC 1.6A/230VAC							
	LEAKAGE CURRENT	COLD STAR 60A/230VAC							
2		<0.75mA / 240VAC							
	OVER LOAD	110 ~ 140% rated output power							
ŀ		Protection type : Hiccup mode, recovers automatically after fault condition is removed							
PROTECTION	OVER VOLTAGE	13.8 ~ 16.2V	18.75 ~ 21.75V	28.8 ~ 33.6V	41.4 ~ 48.6V	55.2 ~ 64.8V			
		Protection type : Shut down o/p voltage, re-power on to recover							
	OVER TEMPERATURE	Shut down o/p voltage, re-power on to recover							
	WORKING TEMP.	-30 ~ +70 $^{\circ}$ C (Refer to "Derating Curve")							
	WORKING HUMIDITY	20 ~ 90% RH non-condensing							
INVIRONME	NT STORAGE TEMP., HUMID	DITY -40 ~ +85 ℃, 10 ~ 95% RH							
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)							
	VIBRATION	10 ~ 500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes							
	SAFETY STANDARDS	UL60950-1, TUV EN	60950-1, EN60335-1,	EN61558-1 /-2-16,CC	C GB4943 approved				
SAFETY &	WITHSTAND VOLTAGE	UL60950-1, TUV EN60950-1, EN60335-1, EN61558-1 /-2-16,CCC GB4943 approved I/P-O/P:3.75KVAC I/ P-FG:2 KVAC O/P-FG:1.25 KVAC							
EMC	ISOLATION RESISTANCE	I/ P-O/P, I/ P-FG, O/P-FG:100M Ohms / 500VDC / 25 °C / 70% RH							
Note 7)	EMC EMISSION	Compliance to EN55022 (CISPR22), GB9254 Class B, EN55014, EN61000-3-2Class A(≤75% Load),EN61000-3-3							
	EMC IMMUNITY	Compliance to EN5022 (CISPR22), GB9254 Class B, EN5014, EN61000-3-2Class A(<75% Load), EN61000-3-3							
8	MTBF		IL-HDBK-217F (25 ℃	×					
OTHERS	DIMENSION	162*97*30mm (L*W	· · · · · · · · · · · · · · · · · · ·						
JIIIENS	PACKING	0.38Kg ; 60pcs/23.0k	·						
NOTE	1. All parameters NOT spec	0, 1,	0,	it rated load and 25 °C	of ambient temperate	150			
	 Ripple & noise are measu Tolerance : includes set u Line regulation is measu Load regulation is measu Length of set up time is r time. The power supply is cons mounting the unit on a 3 EMC directives. For guida The ambient temperatur 	ured at 20MHz of bands up tolerance, line regula red from low line to hig red from 0% to 100% r neasured at cold first si sidered a component w 60mm*360mm metal p ince on how to perform	width by using a 12" tw ation and load regulati h line at rated load. ated load. tart. Turning ON/OFF t hich will be installed in blate with 1mm of thich n these EMC tests, plea	visted pair-wire termina on. he power supply very q nto a final equipment. A kness. The final equipme se refer to EMI testing	ted with a 0.1uf & 47u uickly may lead to incre Il the EMC tests are be ent must be re-confirm g of component power	f parallel capacitor. ease of the set up een executed by red that it still meets			



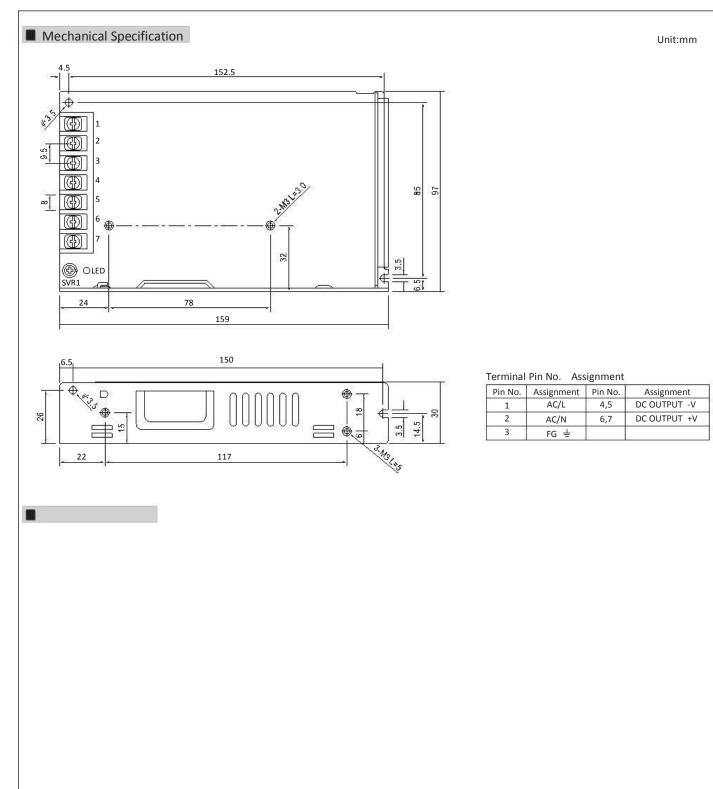
DRS-150





DRS-150

series







AC input range selectable by switch Withstand 300VAC surge input for 5 second No load power consumption<0.75W Miniature size and 1U low profile High operating temperature up to 70 $^{\circ}$ C Protections: Short circuit / Overload / Over voltage / Over temperature Cooling by free air convection Compliance to IEC/EN 60335-1(PD3) and IEC/EN61558-1, 2-16 for household appliances Operating altitude up to 5000 meters Withstand 5G vibration test High efficiency, long life and high reliability LED indicator for power on 100% full load burn-in test 1 years warranty

Applications Industrial automation machinery

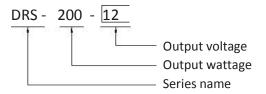
Industrial control system Mechanical and electrical equipment Electronic instruments, equipments or Apparatus Household appliances

Description

DRS-200 series is a 200W single-output enclosed type power supply with 30mm of low profile design. Adopting the input of 115VAC or 230VAC(selectable by switch), the entire series provides an output voltage line of 12V, 15V, 24V, 36V and 48V.

In addition to the high efficiency up to 90%, the design of metallic mesh case enhances the heat dissipation of DRS-200 that the whole series operates from -30 $^{\circ}$ C through 70 $^{\circ}$ C under air convection without a fan. Delivering an extremely low no load power consumption (less than 0.75W), it allows the end system to easily meet the worldwide energy requirement. DRS-200 has the complete protection functions and 5G anti-vibration capability; It is complied with the international safety regulations such as TUV EN60950-1,EN60335-1,EN61558-1/-2-16, UL60950-1 and GB4943. DRS-200 series serves as a high price-to-performance power supply solution for various industrial applications.

Model Encoding





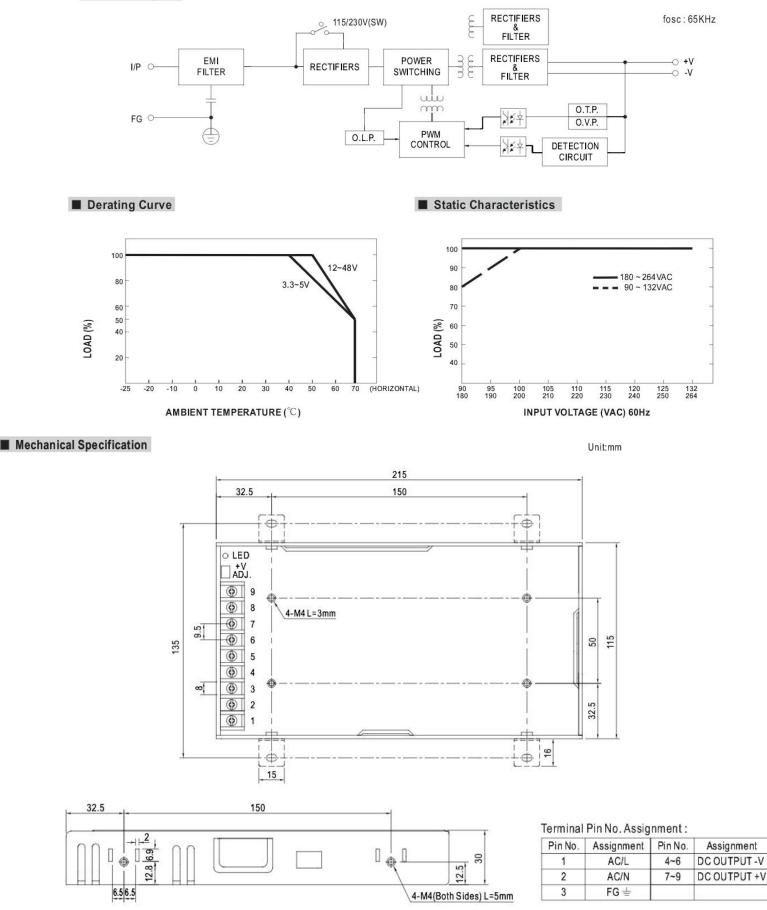
SPECIFICA	TION		8	8					
MODEL		DRS-200-12	DRS-200-15	DRS-200-24	DRS-200-36	DRS-200-48			
	DC VOLTAGE	12V	15V	24V	36V	48V			
	RATED CURRENT	17.0A	14A	8.8A	5.9A	4.4A			
	CURRENT RANGE	0~17.0A	0~14.0A	0~8.8A	0~5.9A	0 ~ 4.4A			
	RATED POWER	200W	200W	200W	200W	200W			
	RIPPLE & NOISE (max.) Note	.2 150mVp-p	150mVp-p	150mVp-p	200mVp-p	200mVp-p			
OUTPUT	VOLTAGE ADJ. RANGE	10.2 ~ 13.8V	13.5 ~ 18V	21.6 ~ 28.8V	32.4 ~ 39.6V	43.2 ~ 52.8V			
	VOLTAGE TOLERANCE Note.	з ±1.0%	±1.0%	±1.0%	±1.0%	±1.0%			
	LINE REGULATION Note.4	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%			
	LOAD REGULATION Note.5	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%			
	SETUP, RISE TIME	500ms, 30ms/230VA	C 500ms,30ms/11	5VAC at full load					
	HOLD UP TIME (Typ.)	16ms/230VAC 12n	ns/115VAC at f ull load	1					
	VOLTAGE RANGE	85 ~ 132VAC / 170 ~ 1	264VAC by switch	240 ~ 370VDC(swite	h on 230VAC)				
	FREQUENCY RANGE	47 ~ 63Hz	•	•	•				
	EFFICIENCY (Typ.)	87.5%	88.0%	89%	89%	90%			
INPUT	AC CURRENT (Typ.)	4.0A/115VAC 2.	2A/230VAC						
	INRUSH CURRENT (Typ.)	COLD STAR 60A/230VAC							
	LEAKAGE CURRENT	<pre></pre>							
22		110 ~ 140% rated output power							
	OVER LOAD	Protection type : Hiccup mode, recovers automatically after fault condition is removed							
PROTECTION	OVER VOLTAGE	13.8 ~ 16.2V	18.75 ~ 21.75V	28.8 ~ 33.6V	41.4 ~ 48.6V	55.2 ~ 64.8V			
		Protection type : Shu							
	OVER TEMPERATURE	Protection type : Shut down o/p voltage, re-power on to recover Shut down o/p voltage, re-power on to recover							
	WORKING TEMP.	-30 ~ +70 °C (Refer to "Derating Curve")							
	WORKING HUMIDITY	20 ~ 90% RH non-condensing							
ENVIRONME	NT STORAGE TEMP., HUMID								
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)							
	VIBRATION	10~500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes							
	SAFETY STANDARDS	1		-	C C P 40.42 approved				
		UL60950-1, TUV EN60950-1, EN60335-1, EN61558-1 /-2-16,CCC GB4943 approved I/P-O/P:3.75KVAC I/ P-FG:2 KVAC O/P-FG:1.25 KVAC							
SAFETY &	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC I/P-FG:2 KVAC 0/P-FG:1.25 KVAC I/ P-O/P, I/ P-FG, O/P-FG:100M Ohms / 500VDC / 25 ℃/ 70% RH							
EMC (Note 7)									
	EMC IMMUNITY	Compliance to EN55022 (CISPR22), GB9254 Class B, EN55014, EN61000-3-2Class A(<75% Load), EN61000-3-3							
8	MTBF	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61000-6-2 (EN50082-2), heavy i ndustry l evel 601K h r s min. MIL-HDBK-217F (25 °C)							
OTUEDE									
OTHERS	DIMENSION	215*115*30mm (L*V 0.6Kg ; 30pcs/18.5Kg	,						
NOTE	PACKING 1. All parameters NOT spec			· · · · · · · · · · · · · · · · · · ·	C 11 11 1				
	 Ripple & noise are measu Tolerance : includes set u Line regulation is measur Load regulation is measur Length of set up time is r time. The power supply is cons mounting the unit on a 3 EMC directives. For guida The ambient temperatur 	ured at 20MHz of bandw up tolerance, line regula red from low line to hig ured from 0% to 100% ra neasured at cold first st sidered a component wi 60mm*360mm metal p unce on how to perform	vidth by using a 12" twi ation and load regulatio h line at rated load. ated load. art. Turning ON/OFF th hich will be installed in late with 1mm of thick of these EMC tests, pleas	sted pair-wire terminal n. e power supply very qu to a final equipment. Al ness. The final equipme e refer to EMI testing	ed with a 0.1uf & 47uf nickly may lead to increa Il the EMC tests are bee nt must be re-confirme of component power si	parallel capacitor. se of the set up n executed by d that it still meets			

200W Single Output Switching Power Supply

DRS-200

series

Block Diagram





AC input range selectable by switch Withstand 300VAC surge input for 5 second No load power consumption<0.75W Miniature size and 1U low profile High operating temperature up to 70 $^{\circ}$ C Protections: Short circuit / Overload / Over voltage / Over temperature Cooling by free air convection Compliance to IEC/EN 60335-1(PD3) and IEC/EN61558-1, 2-16 for household appliances Operating altitude up to 5000 meters Withstand 5G vibration test High efficiency, long life and high reliability LED indicator for power on 100% full load burn-in test 1 years warranty

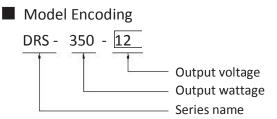
Applications

Industrial automation machinery Industrial control system Mechanical and electrical equipment Electronic instruments, equipments or Apparatus Household appliances

Description

DRS-350 series is a 350W single-output enclosed type power supply with 30mm of low profile design. Adopting the input of 115VAC or 230VAC(selectable by switch), the entire series provides an output voltage line of 12V, 15V, 24V, 36V and 48V.

In addition to the high efficiency up to 90%, the design of metallic mesh case enhances the heat dissipation of DRS-350 that the whole series operates from -30 $^{\circ}$ C through 70 $^{\circ}$ C under air convection with a fan. Delivering an extremely low no load power consumption (less than 0.75W), it allows the end system to easily meet the worldwide energy requirement. DRS-350 has the complete protection functions and 5G anti-vibration capability; It is complied with the international safety regulations such as TUV EN60950-1,EN60335-1,EN61558-1/-2-16, UL60950-1 and GB4943. DRS-350 series serves as a high price-to-performance power supply solution for various industrial applications.





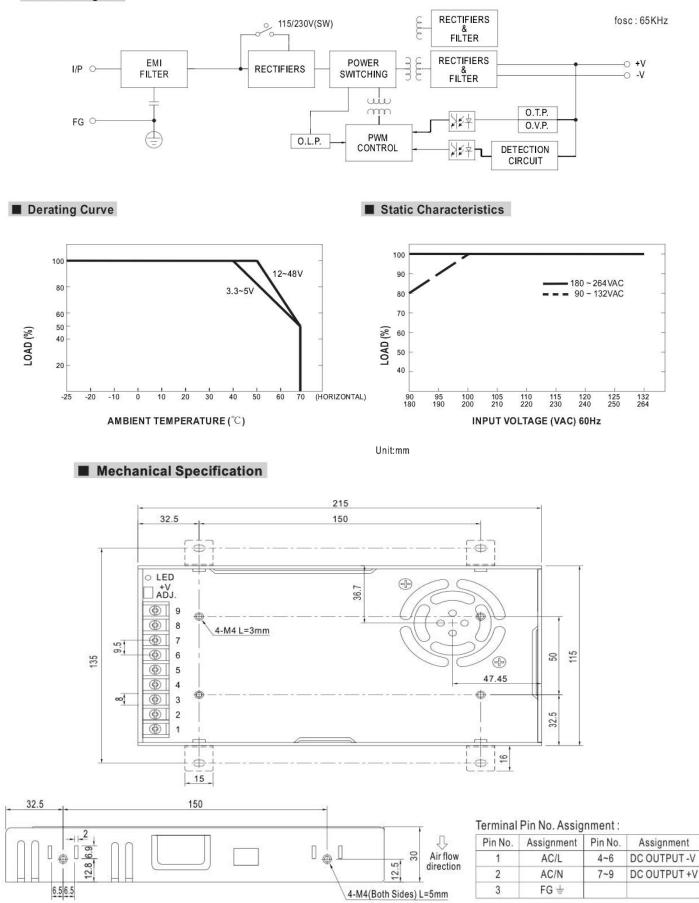
SPECIFICA				8					
MODEL		DRS-350-12	DRS-350-15	DRS-350-24	DRS-350-36	DRS-350-48			
	DC VOLTAGE	12V	15V	24V	36V	48V			
	RATED CURRENT	29.0A	23.2A	14.6A	9.7A	7.3A			
	CURRENT RANGE	0~29.0A	0~23.2A	0~14.6A	0~9.7A	0~7.3A			
	RATED POWER	350W	350W	350W	350W	350W			
	RIPPLE & NOISE (max.) Note	.2 150mVp-p	150mVp-p	150mVp-p	200mVp-p	200mVp-p			
OUTPUT	VOLTAGE ADJ. RANGE	10.2 ~ 13.8V	13.5 ~ 18V	21.6 ~ 28.8V	32.4 ~ 39.6V	43.2 ~ 52.8V			
	VOLTAGE TOLERANCE Note.	в ±1.0%	±1.0%	±1.0%	±1.0%	±1.0%			
	LINE REGULATION Note.4	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%			
	LOAD REGULATION Note.5	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%			
	SETUP, RISE TIME	500ms, 30ms/230VA	C 500ms,30ms/11	5VAC at full load		2			
	HOLD UP TIME (Typ.)	· · ·	ns/115VAC at full load						
	VOLTAGE RANGE	85 ~ 132VAC / 170 ~ 1	264VAC by switch	240 ~ 370VDC(swite	ch on 230VAC)				
	FREQUENCY RANGE	47 ~ 63Hz		210 070120(01111					
	EFFICIENCY (Typ.)	85%	86.0%	88%	88%	89%			
INPUT	AC CURRENT (Typ.)			0070		0570			
	INRUSH CURRENT (Typ.)	6.8A/115VAC 3.4A/230VAC							
	LEAKAGE CURRENT	COLD STAR 60A/230VAC <2.0mA / 240VAC							
	OVER LOAD	110 ~ 140% rated ou	· ·						
PROTECTION					t condition is removed				
	OVER VOLTAGE	13.8 ~ 16.2V	18.75 ~ 21.75V	28.8 ~ 33.6V	41.4 ~ 48.6V	55.2 ~ 64.8V			
		Protection type : Shut down o/p voltage, re-power on to recover							
	OVER TEMPERATURE	Shut down o/p voltage, re-power on to recover							
	WORKING TEMP.	-30 ~ +70 °C (Refer to "Derating Curve")							
	WORKING HUMIDITY	20 ~ 90% RH non-condensing							
ENVIRONME	NT STORAGE TEMP., HUMID	DITY -40 ~ +85 ℃, 10 ~ 95% RH							
	TEMP. COEFFICIENT	±0.03%/°C (0 ~50°C)							
	VIBRATION	10 ~ 500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes							
	SAFETY STANDARDS	UL60950-1, TUV EN	60950-1, EN60335-1,	EN61558-1 /-2-16,CC	C GB4943 approved				
SAFETY &	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC I/ P-FG:2 KVAC O/P-FG:1.25 KVAC							
EMC	ISOLATION RESISTANCE	I/ P-O/P, I/ P-FG, O/P-FG:100M Ohms / 500VDC / 25 ℃/ 70% RH							
(Note 7)	EMC EMISSION	Compliance to EN55022 (CISPR22), GB9254 Class B, EN55014, EN61000-3-2Class A(<75% Load), EN61000-3-3							
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61000-6-2 (EN50082-2), heavy i ndustry l evel							
8	MTBF	327.9K h r s min. N	MIL-HDBK-217F (25 ိ	C)					
OTHERS	DIMENSION	215*115*30mm (L*V	V*H)						
	PACKING	0.67Kg ; 30pcs/20.6K	g/38*25*39CM						
NOTE	 All parameters NOT spect Ripple & noise are measu Tolerance : includes set u Line regulation is measure Load regulation is measure Length of set up time is retime. The power supply is construction on a 3 EMC directives. For guidate The ambient temperature 	ured at 20MHz of bandw up tolerance, line regula red from low line to hig red from 0% to 100% ra neasured at cold first st sidered a component wi 60mm*360mm metal p ince on how to perform	width by using a 12" twi ation and load regulatio h line at rated load. ated load. cart. Turning ON/OFF th hich will be installed in late with 1mm of thick n these EMC tests, pleas	sted pair-wire termina n. e power supply very qu to a final equipment. A ness. The final equipme e refer to EMI testing	ted with a 0.1uf & 47uf nickly may lead to increa II the EMC tests are bee ent must be re-confirme of component power si	parallel capacitor. use of the set up n executed by d that it still meets			



DRS-350

series

Block Diagram





บริษัท เอ็ม.ที.เอส. อินดัสเทรียล พาร์ท จำกัด

12 ซอยร่มเกล้ำ 25/3 แขวงคลองสามประเวศ เขตลาดกระบัง กรุงเทพฯ 10520 โทร 0-2737-9048, 0-2737-9092 แฟกซ์ 0-2737-9049 Website : http://www.mts-industrial.com Email : sales@mts-industrial.com Facebook : @mtsindust ID Line : @mts-indust