

Model Selector

Model	Voltage (V)	Adjust Range (V)	Max Current (A)	Peak Curr. <10s, <35% DC (A)	Load Reg. (mV)	Line Reg. (mV)	Ripple Noise (mV)	Efficiency (typ) % (230VAC)
GWS500-5	5V	4.75 - 5.5	80	-	50	25	150	85
GWS500-7.5	7.5V	6.75 - 8.25	67.2	-	70	35	150	88
GWS250-12	12V	10.8 - 13.2	21	-	96	48	150	92
GWS500-12	12V	10.8 - 13.2	42	-	96	48	150	90
GWS250-24	24V	22 - 28.8	10.5	12.5	192	96	240	92
GWS500-24	24V	22 - 28.8	21	25.0	192	96	240	91
GWS250-36	36V	32 - 40	7	8.4	288	144	360	93
GWS500-36	36V	32 - 40	14	16.7	288	144	360	91
GWS250-48	48V	42 - 57.6	5.3	-	384	192	480	93
GWS500-48	48V	42 - 57.6	10.5	-	384	192	480	91

GWS500 Outline Drawing

SIGNAL CONNECTOR INFORMATION

CN201 PIN ASSIGN

S10B-PHDSS (JST)

1.	+V
2.	+S
3.	-V
4.	-S
5.	DOCK
6.	COM
7.	SVSB
8.	COM
9.	CNT+
10.	CNT-

SIGNAL CONNECTOR USED

PART DESCRIPTION	PART NAME	MANUFACT
PIN HEADER	S10B-PHDSS(LF)(SN) (CN201)	JST

MATCHING HOUSINGS, PIN & TOOL

PART DESCRIPTION	PART NAME	MANUFACT
SOCKET HOUSING	PHDR-10VS (CN201)	JST
TERMINAL PINS	SPHD-002T-P05(AWG28-24) SPHD-001T-P05(AWG26-22)	JST
HAND CRIMPING TOOL	YRS-620(SPHD-002T-P0.5) YC-610R(SPHD-001T-P0.5)	JST

ACCESSORIES

* SHORT PIECE -----1
SHORTING +V ---+S, -V ---S, CNT+---CNT-
(ATTACHED ON CN201 AT SHIPMENT)

NAME PLATE:

SEE NOTE A

NOTES

A. MODEL NAME, INPUT VOLTAGE RANGE, NOMINAL OUTPUT VOLTAGE, MAXIMUM OUTPUT CURRENT & COUNTRY OF MANUFACTURE ARE SHOWN IN ACCORDANCE WITH THE SPECIFICATION.

B. M4 TAPPED, EMBOSSED & COUNTERSUNK HOLES (8) FOR CUSTOMER CHASSIS MOUNTING. SCREWS MUST NOT PROTRUDE INTO POWER SUPPLY BY MORE THAN 5mm.

DC ON INDICATOR
CN201
OUTPUT VOLTAGE ADJUSTMENT
SEE NOTE B (TAPPED AT THE BOTTOM CHASSIS)

(14.1)
(12.2)
11.0
(15.1)
7 x M4
NAME PLATE
+V
+V
-V
-V
(FG)
AC(N)
AC(L)

152.4±0.5
63.5±0.5
105.0±1.0
20.75
32.8

18(MAX)
21.0
(7.6)
152.4±0.5
218.0
32.8
12.5
16.0
41.0±1.0

Other Industrial Products

LS25 - 200	25W to 200W low cost
HWS15 - 1800	15W to 1800W limited lifetime warranty
SWS300 - 1000	300W to 1000W single output
CSS500	360W to 500W medical

For Additional Information, please visit
us.tdk-lambda.com/lp/products/gws-series.htm