





Wiring Type IP67



















Features

- High voltage output (115/230/380VDC)
- High efficiency up to 95.5% and active PFC function
- · Fanless design, cooling by free air convection
- · Aluminum case and filling with heat-conducted glue
- · Withstand 10G vibration test
- -40 ~ +70°C wide operating range
- Built-in CANBus protocol / Optional PMBus protocol
- · Output voltage and constant current level programmable
- Protections: Short circuit / Overload / Over voltage / Over temperature
- · Built-in remote ON-OFF control and DC OK active signal
- · LED indicator for power on
- · Diverse installation scenarios-Mounting methods
- Wiring type with IP67 rating
- 6 years warranty

■ Applications

- · Industrial automation machinery
- · Industrial control system at harsh environment
- · Mechanical and electrical equipment
- · Electronic instruments, equipments
- · Robotic lawn moner / AMR / AGV
- · Laser related machine
- · DC centralized bus
- Charging related equipment(with BMS)

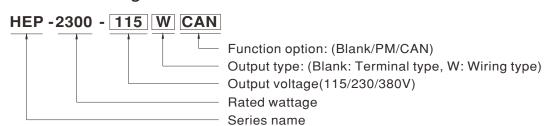
GTIN CODE

 $\textbf{MW Search:} \ \underline{\textbf{https://www.meanwell.com/serviceGTIN.aspx}}$

Description

HEP-2300 is a 2300W industrial AC/DC power supply featuring the outstanding capability to operate under highly humid, dusty, oily, and high-vibration harsh environment. The entire series is housed with the aluminum case and fully potted with heat-conducted glue. Adopting the full range $90\sim305$ VAC input, the entire series provides an output voltage line of 115V, 230V and 380V. In addition to the high efficiency up to 95.5%, that the whole series operates from -40°C ~ 70 °C under air convection without fan. HEP-2300 has the complete protection functions and 10G anti-vibration capability; It is complied with the international safety regulations such as TUV EN62368-1 UL62368-1, and the design refers to EN61558-1 and EN60335-1. HEP-2300 series serves as a high performance power supply solution for various industrial applications.

■ Model Encoding



I/O Type	Function type	Communication Protocol	Note
Terminal	Blank	CANBus and PV/PC programmable	In Stock
reminai	PM	PMBus and PV/PC programmable	By request
	Blank	PV/PC programmable	In Stock
Wiring	PM	PMBus	By request
	CAN	CANBus	By request



SPECIFICATION

		HEP-2300-115	HEP-2300-230	HEP-2300-380				
	DC VOLTAGE (factory default) 115V	230V	380V				
	CURRENT (factory default)	20A	10A	6.05A				
	RATED CURRENT (max.)	20A	10.6A	6.9A				
	RATED POWER (max.)	2300W	2300W	2300W				
	FULL POWER VOLTAGE RANGE		216 ~ 260V	334 ~ 400V				
	RIPPLE & NOISE (max.) Note.2		2500mVp-p	4000mVp-p				
DUTPUT	THIT LE G NOIDE (Max.) Note.2	By potentiometer VR	2000πγββ	4000πγρρ				
	VOLTAGE ADJ. RANGE	90 ~ 138V	170 ~ 260V	260 ~ 400V				
	VOLTAGE TOLERANCE Note.3	11 .11.	±1.0%	±1.0%				
	LINE REGULATION	±0.5%	±0.5%	±0.5%				
	LOAD REGULATION	±0.5%	±0.5%	±0.5%				
	SETUP, RISE TIME	1800ms, 100ms/230VAC at full load						
	HOLD UP TIME (Typ.)	12ms/230VAC at full load						
	VOLTAGE RANGE Note.4	90 ~ 305VAC 250 ~ 431VDC						
	FREQUENCY RANGE	47 ~ 63Hz						
	POWER FACTOR (Typ.)	PF>0.99/115VAC, PF>0.95/230VAC	, PF>0.93/277VAC at full load					
NPUT	EFFICIENCY (Typ.)	95%	95.5%	95.5%				
	AC CURRENT (Typ.)	13.3A / 115VAC 11A / 230VAC	9.3A / 277VAC	·				
	INRUSH CURRENT (Typ.)	Cold start 60A/230VAC						
	LEAKAGE CURRENT	<1.8mA Peak / 240VAC <2mA F	Peak / 277VAC					
		105 ~ 115% rated output power						
	OVERLOAD	Protection type : Constant current lin	niting, unit will shutdown after 5 sec. re-pow	er on to recover				
PROTECTION		145 ~ 166V	273 ~ 312V	420 ~ 480V				
KOILOIION	OVER VOLTAGE			127 1771				
	OVER TEMPERATURE	71	Protection type: Shut down O/P voltage, re-power on to recover					
	OUTPUT VOLTAGE	Protection type: Shut down O/P voltage, recovers automatically after temperature goes down						
	PROGRAMMABLE(PV) Note 5	Adjustment of output voltage is allowable to 50 ~ 120% of nominal output voltage Please refer to the Function Manual						
	OUTPUT CURRENT		vel is allowable to 20 ~ 100% of rated cur	rent				
FUNCTION		5 Please refer to the Function Manua	al					
	REMOTE ON/OFF CONTROL		r OFF : Open circuit					
	AUXILIARY POWER	12V@0.5A tolerance±10%, ripple 15						
	DC-OK SIGNAL	The TTL signal out. PSU turn on = 4	1.5 ~ 5.5V; PSU turn off = -0.5 ~ 0.5V. Plea	ase refer to the Function Manual				
	WORKING TEMP.	-40 ~ +70°C (Refer to "Derating Curv						
	WORKING HUMIDITY	20 ~ 95% RH non-condensing	- 1					
ENVIRONMENT	STORAGE TEMP., HUMIDITY							
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)	ionomy					
		20 ~ 500Hz, 10G 12min./1cycle, period for 72min. each along X, Y, Z axes						
	VIBRATION	UL62368-1,TUV BS EN/EN62368-1, EAC TP TC 004 approved; design refers to BS EN/EN61558-1, BS EN/EN60335-1(by requestions)						
SAFETY STANDARDS		UL62368-1, TUV BS EN/EN62368-1,		DO ENTENDATED 4 DO ENTENDADO 4/1				
			11	BS EN/EN61558-1, BS EN/EN60335-1(by reque				
	WITHSTAND VOLTAGE Note 6	OVCIII I/P-O/P: 6KVDC I/P-FG:4	KVDC O/P-FG:4KVDC	BS EN/EN61558-1, BS EN/EN60335-1(by reque				
	WITHSTAND VOLTAGE Note 6	6 OVC III I/P-O/P: 6KVDC I/P-FG:4F 6 I/P-O/P, I/P-FG,O/P-FG:100M Ohms	KVDC O/P-FG:4KVDC 5/500VDC/25°C / 70%RH					
	WITHSTAND VOLTAGE Note 6	6 OVC III I/P-O/P: 6KVDC I/P-FG:4F 6 I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter	KVDC O/P-FG:4KVDC //500VDC/25°C/ 70%RH Standard	Test Level / Note				
	WITHSTAND VOLTAGE Note 6	6 OVC III I/P-O/P: 6KVDC I/P-FG:4F 6 I/P-O/P, I/P-FG,O/P-FG:100M Ohms	KVDC O/P-FG:4KVDC 5/500VDC/25°C / 70%RH					
	WITHSTAND VOLTAGE Note 6	6 OVC III I/P-O/P: 6KVDC I/P-FG:4F 6 I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter	KVDC O/P-FG:4KVDC //500VDC/25°C/ 70%RH Standard	Test Level / Note				
	WITHSTAND VOLTAGE Note 6 ISOLATION RESISTANCE Note 6	6 OVC III I/P-O/P: 6KVDC I/P-FG:4H 6 I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter Conducted	KVDC O/P-FG:4KVDC //500VDC/25°C/ 70%RH	Test Level / Note Class B				
SAFETY &	WITHSTAND VOLTAGE Note 6 ISOLATION RESISTANCE Note 6	6 OVC III I/P-O/P: 6KVDC I/P-FG:4H 6 I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter Conducted Radiated	KVDC O/P-FG:4KVDC //500VDC/25°C/ 70%RH Standard BS EN/EN55032 (CISPR32) BS EN/EN55032 (CISPR32)	Test Level / Note Class B Class A				
EMC	WITHSTAND VOLTAGE Note 6 ISOLATION RESISTANCE Note 6	6 OVC III I/P-O/P: 6KVDC I/P-FG:4H 6 I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current	KVDC O/P-FG:4KVDC 6/500VDC/25°C/70%RH Standard BS EN/EN55032 (CISPR32) BS EN/EN55032 (CISPR32) BS EN/EN61000-3-2 BS EN/EN61000-3-3	Test Level / Note Class B Class A Class A				
EMC	WITHSTAND VOLTAGE Note 6 ISOLATION RESISTANCE Note 6	OVCIII I/P-O/P: 6KVDC I/P-FG:4k I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker	KVDC O/P-FG:4KVDC 6/500VDC/25°C/70%RH Standard BS EN/EN55032 (CISPR32) BS EN/EN55032 (CISPR32) BS EN/EN61000-3-2 BS EN/EN61000-3-3	Test Level / Note Class B Class A Class A				
MC	WITHSTAND VOLTAGE Note 6 ISOLATION RESISTANCE Note 6	6 OVCIII I/P-O/P: 6KVDC I/P-FG:4k 6 I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55024, BS EN/EN61000-6	KVDC O/P-FG:4KVDC 6/500VDC/25°C/70%RH Standard BS EN/EN55032 (CISPR32) BS EN/EN61000-3-2 BS EN/EN61000-3-3	Test Level / Note Class B Class A Class A				
MC	WITHSTAND VOLTAGE Note 6 ISOLATION RESISTANCE Note 6	OVCIII I/P-O/P: 6KVDC I/P-FG:4k I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55024, BS EN/EN61000-6	KVDC O/P-FG:4KVDC 6/500VDC/25°C/70%RH Standard BS EN/EN55032 (CISPR32) BS EN/EN55032 (CISPR32) BS EN/EN61000-3-2 BS EN/EN61000-3-3 6-2 Standard	Test Level / Note Class B Class A Class A Test Level / Note				
MC	WITHSTAND VOLTAGE Note 6 ISOLATION RESISTANCE Note 6 EMC EMISSION	OVC III I/P-O/P: 6KVDC I/P-FG:4k I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55024, BS EN/EN61000-6 Parameter ESD	KVDC O/P-FG:4KVDC 6/500VDC/25°C/70%RH Standard BS EN/EN55032 (CISPR32) BS EN/EN61000-3-2 BS EN/EN61000-3-3 3-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3	Test Level / Note Class B Class A Class A Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact				
MC	WITHSTAND VOLTAGE Note 6 ISOLATION RESISTANCE Note 6	6 OVCIII I/P-O/P: 6KVDC I/P-FG:4F 6 I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55024, BS EN/EN61000-6 Parameter ESD Radiated EFT / Burst	KVDC O/P-FG:4KVDC 6/500VDC/25°C/70%RH Standard BS EN/EN55032 (CISPR32) BS EN/EN61000-3-2 BS EN/EN61000-3-3 3-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4	Test Level / Note Class B Class A Class A Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3				
EMC	WITHSTAND VOLTAGE Note 6 ISOLATION RESISTANCE Note 6 EMC EMISSION	6 OVCIII I/P-O/P: 6KVDC I/P-FG:4K 6 I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55024, BS EN/EN61000-6 Parameter ESD Radiated EFT / Burst Surge	KVDC O/P-FG:4KVDC 6/500VDC/25°C/70%RH Standard BS EN/EN55032 (CISPR32) BS EN/EN61000-3-2 BS EN/EN61000-3-3 3-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-6-2	Test Level / Note Class B Class A Class A Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 2KV/Line-Line 4KV/Line-Earth				
EMC	WITHSTAND VOLTAGE Note 6 ISOLATION RESISTANCE Note 6 EMC EMISSION	6 OVC III I/P-O/P: 6KVDC I/P-FG:4K 6 I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55024, BS EN/EN61000-6 Parameter ESD Radiated EFT / Burst Surge Conducted	KVDC O/P-FG:4KVDC //500VDC/25°C/70%RH Standard BS EN/EN55032 (CISPR32) BS EN/EN61000-3-2 BS EN/EN61000-3-3 3-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-6-2 BS EN/EN61000-4-6	Test Level / Note Class B Class A Class A Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 2KV/Line-Line 4KV/Line-Earth Level 3				
SAFETY & EMC Note.7)	WITHSTAND VOLTAGE Note 6 ISOLATION RESISTANCE Note 6 EMC EMISSION	6 OVCIII I/P-O/P: 6KVDC I/P-FG:4K 6 I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55024, BS EN/EN61000-6 Parameter ESD Radiated EFT / Burst Surge	KVDC O/P-FG:4KVDC 6/500VDC/25°C/70%RH Standard BS EN/EN55032 (CISPR32) BS EN/EN61000-3-2 BS EN/EN61000-3-3 3-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-6-2	Test Level / Note Class B Class A Class A Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 2KV/Line-Line 4KV/Line-Earth Level 3 Level 4 >95% dip 0.5 periods, 30% dip 25 period				
EMC	WITHSTAND VOLTAGE Note 6 ISOLATION RESISTANCE Note 6 EMC EMISSION	OVC III I/P-O/P: 6KVDC I/P-FG:4t I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55024, BS EN/EN61000-6 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions	KVDC O/P-FG:4KVDC 6/500VDC/25°C/70%RH Standard BS EN/EN55032 (CISPR32) BS EN/EN61000-3-2 BS EN/EN61000-3-3 3-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-4 BS EN/EN61000-4-6 BS EN/EN61000-4-8	Test Level / Note Class B Class A Class A Class A Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 2KV/Line-Line 4KV/Line-Earth Level 3 Level 4 >95% dip 0.5 periods, 30% dip 25 period >95% interruptions 250 periods				
EMC	WITHSTAND VOLTAGE Note 6 ISOLATION RESISTANCE Note 6 EMC EMISSION EMC IMMUNITY	OVC III I/P-O/P: 6KVDC I/P-FG:4t I/P-O/P, I/P-FG,O/P-FG:100M Ohms Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55024, BS EN/EN61000-6 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions	KVDC O/P-FG:4KVDC a/500VDC/25°C/70%RH Standard BS EN/EN55032 (CISPR32) BS EN/EN61000-3-2 BS EN/EN61000-3-3 3-2 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-11	Test Level / Note Class B Class A Class A Class A Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 Level 3 2KV/Line-Line 4KV/Line-Earth Level 3 Level 4 >95% dip 0.5 periods, 30% dip 25 period >95% interruptions 250 periods				

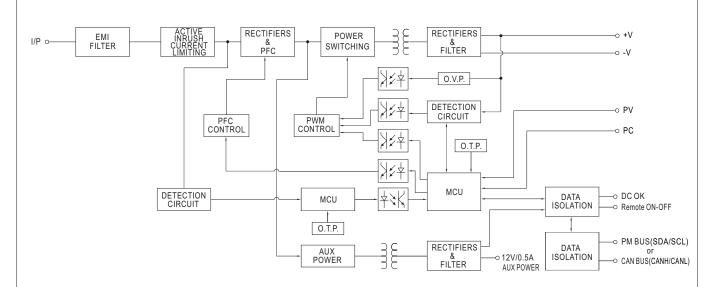
- 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
- 3. Tolerance includes set up tolerance, line regulation and load regulation.

 4. Derating may be needed under low input voltages. Please check the derating curve for more details.
- 5. SVR function is disabled during PV/PC programming operation.
- S. SYN Initiation's disaded duling FVPC programming operation.
 During withstandards voltage and isolation resistance testing, the screw "A" shall be temporarily removed, and shall be istalled back after the testing.
 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 1100mm*650mm 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." (as available on http://www.meanwell.com)
 The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft).
- ※ Product Liability Disclaimer: For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx



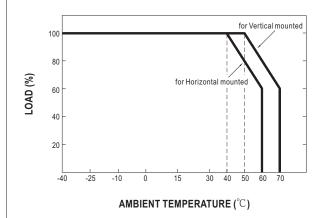


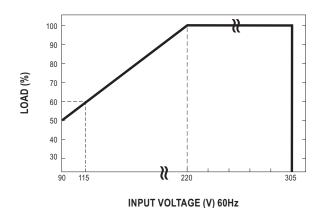
PFC fosc: 80KHz PWM fosc: 52KHz



■ DERATING CURVE

■ STATIC CHARACTERISTICS



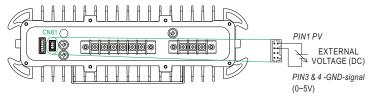


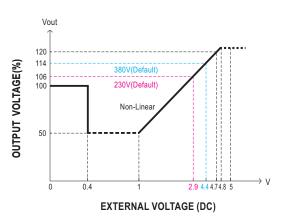
■ TABLE OF FUNCTION

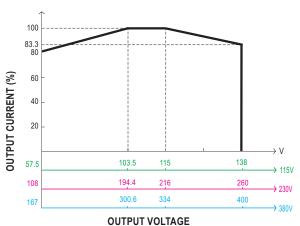
I/O TYPE	Function type	Power Supply Function	PV/PC Programmable	PMBus Protocol	CANBus Protocol	LED Indicator	Remote On/Off	DC-OK Signal	12V/0.5A Aux. output
Terminal	Blank	V(default)	V		V	V	V	V	V
type	PM	V(default)	V	V		V	V	V	V
147: -	Blank	V(default)	V			V		V	V
Wiring type	PM	V(default)		V		V		V	V
"	CAN	V(default)			V	٧		V	V

2300W High Voltage Output for Harsh Environment

■ FUNCTION MANUAL





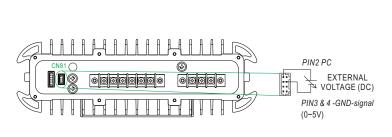


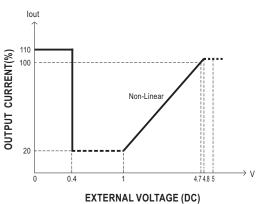
The 100% output voltage is 115/216/334V.

The rated current should change with the Output Voltage Programming accordingly.

2. Output Current Programming (or, PC / remote current programming / dynamic current trim)

※ The output current can be trimmed to 20~100% of the rated current by applying EXTERNAL VOLTAGE.

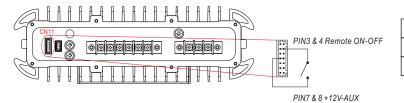




- The 100% output current is rated current.

3.Remote ON-OFF Control

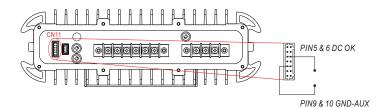
The power supply can be turned ON/OFF individually or along with other units in parallel by using the "Remote ON-OFF" function.



Remote ON-OFF	Power Supply Status
Short circuit	ON
Open circuit	OFF

4.DC-OK Signal

DC-OK signal is a TTL level signal. The maximum source current is 10mA and the maximum external voltage is 5.5V.

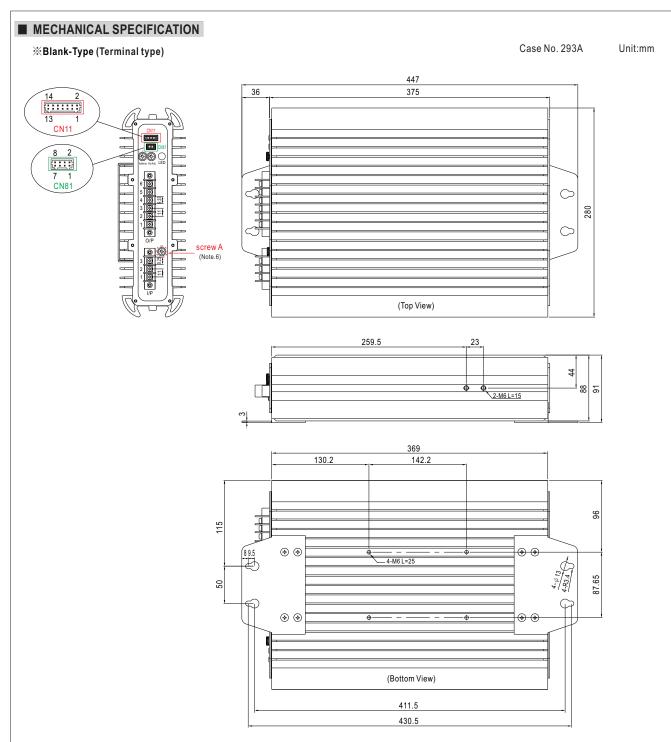


DC-OK signal	Power Supply Status
"High" >4.4~5.5V	ON
"Low" <-0.5~0.5V	OFF

5.CANBus Communication Interface

HEP-2300 supports CANBus Rev. 1.1 with maximum 250KHz bus speed, allowing information reading, status monitoring, output trimming, etc. For details, please refer to the User's Manual.





- Output voltage current level can be adjusted through internal potentiometer. (Vo Adj.)
 (Can access by removing the rubber stopper on the case.)
- PMBus interface address selection. (Address)

AC Input Terminal Pin No. Assignment

Pin No.	Assignment
1	FG 🖶
2	AC/L
3	AC/N

DC Output Terminal Pin No. Assignment

Pin No.	Assignment
1,2,3	+V
4,5,6	-V



2300W High Voltage Output for Harsh Environment

HEP-2300-HV series

 $\label{lem:control} \ref{eq:control} \ \ \hbox{$\stackrel{>}{\times}$ Control Pin No. Assignment (CN81): JST S8B-PHDKS-B or equivalent}$

0	2	
0		
Ľ.		
7	1	

Mating Housing	JST PHDR-8VS or equivalent
Terminal	JST SPHD-001T-P0.5 or equivalent

Pin No.	Function	Description
1	PV	Connection for output voltage programming.(Note)
2	PC	Connection for constant current level programming.(Note)
3,4	GND (Signal)	Negative output voltage signal.
5,6,7,8	NC	

Note: Non-isolated signal, referenced to [GND(signal)].

※Control Pin No. Assignment(CN11): JST S14B-PHDKS-B or equivalent

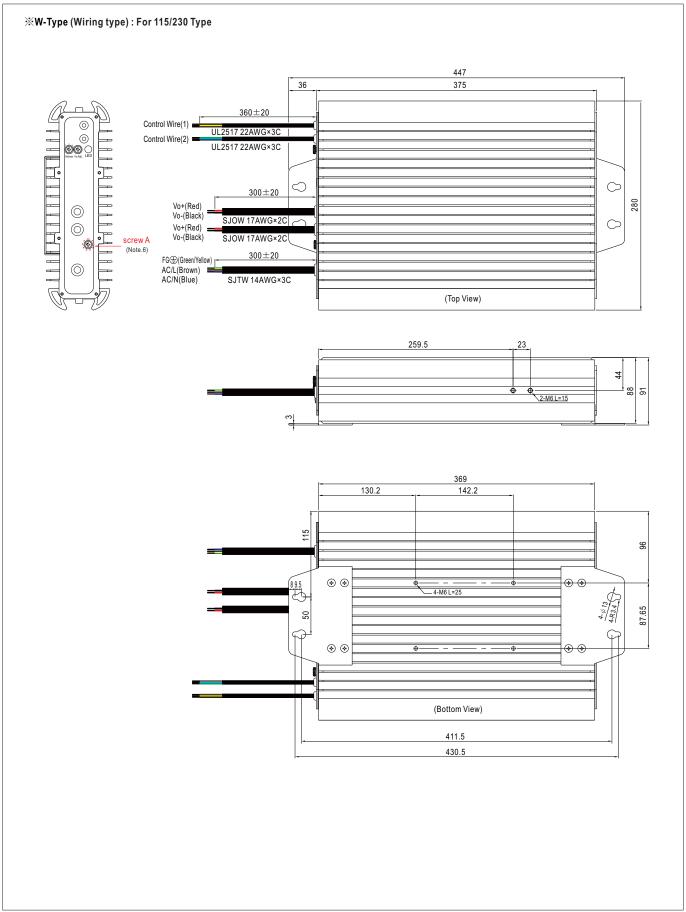
12 4	14	2
10 1		:::;
13 1	13	1

Mating Housing	JST PHDR-14VS or equivalent
Terminal	JST SPHD-001T-P0.5 or equivalent

Pin No.	Function	Description					
1,2,13,14	NC						
3,4	Remote ON-OFF	The unit can turn the output ON/OFF by dry contact between Remote ON/OFF and +12V-AUX.(Note)					
		Short (10.8 ~ 13.2V): Power ON; Open(0 ~ 0.5V): Power OFF; The maximum input voltage is 13.2V					
5,6	DC-OK	Low (-0.5 ~ 0.5V): When Vout \leq 77% \pm 6% at power mode. Vout \leq 66% \pm 6% at charger mode.					
		High (4.4 ~ 5.5V): When Vout≧80%±6% at power mode. Vout≧67%±6% at charger mode.					
		The maximum sourcing current is 10mA and only for output.(Note)					
7,8	+12V-AUX	Auxiliary voltage output, 10.8~13.2V, referenced to GND-AUX (pin9 & 10).					
7,0		The maximum load current is 0.5A. This output is not controlled by "Remote ON-OFF".					
9,10	GND-AUX	Auxiliary voltage output GND.					
9,10		The signal return is isolated from the output terminals (+V & -V).					
11	SDA	For PMBus model: Serial Data used in the PMBus interface. (Note)					
11	CANH	For CANBus model: Data line used in CANBus interface. (Note)					
12	SCL	For PMBus model: Serial Clock used in the PMBus interface. (Note)					
12	CANL	For CANBus model: Data line used in CANBus interface. (Note)					

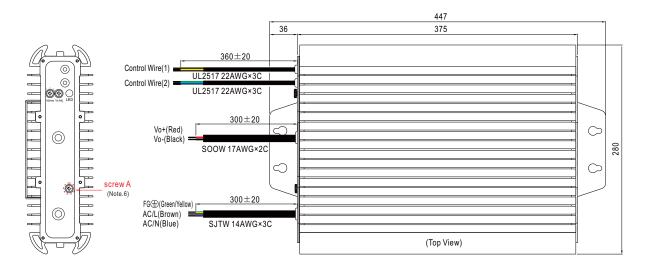
Note: Isolated signal, referenced to GND-AUX.

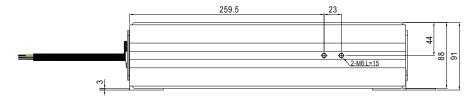


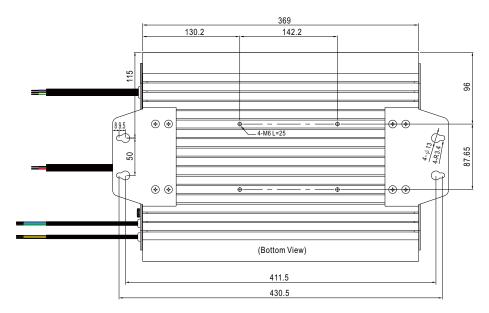




imesW-Type (Wiring type) : For 380 Type







%Control Wire Assignment(1): UL2517 22AWG×3C

XXXXIII VIII VIII VIII VIII VIII VIII V						
Color	Function	Description				
Brown	DC-OK	Low (0 ~ 0.5V) : When Vout \leq 77% \pm 6% at power mode. Vout \leq 66% \pm 6% at charger mode.				
		High (4.4 ~ 5.5V): When Vout≧80%±6% at power mode. Vout≧67%±6% at charger mode.				
		The maximum sourcing current is 10mA and only for output. (Note.2)				
Yellow	+12V-AUX	Auxiliary voltage output, 10.8~13.2V, referenced to GND-AUX.				
reliow		The maximum load current is 0.5A.				
Black	GND-AUX	Auxiliary voltage output GND.				
		The signal return is isolated from the output terminals (+V & -V).				

Note1: Non-isolated signal, referenced to [GND(signal)].

Note2: Isolated signal, referenced to GND-AUX (GND for CANBus and PMBus protocal).



2300W High Voltage Output for Harsh Environment

HEP-2300-HV series

ightharpoonup Control Wire Assigment(2) : UL2517 22AWGimes3C for Blank

Color	Function	Description			
Green	PV	nnection for output voltage programming.(Note1)			
Blue	PC	Connection for constant current level programming.(Note.1)			
White	GND (Signal)	Negative output voltage signal.(PV/PC GND)			

%Control Wire Assignment(2): UL2517 22AWG \times 3C for PM/CAN

Color	Function	Description		
Green	SDA	For PMBus model: Serial Data used in the PMBus interface. (Note.2)		
	CANH	For CANBus model: Data line used in CANBus interface. (Note.2)		
Blue	SCL	For PMBus model: Serial Clock used in the PMBus interface. (Note.2)		
	CANL	For CANBus model: Data line used in CANBus interface. (Note.2)		
White	GND-AUX	Auxiliary voltage output GND.		
		The signal return is isolated from the output terminals (+V & -V).		



■ Accessory List

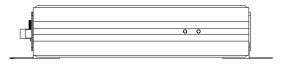
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MW's Order No.		Item		
D**1293A-FA (For housing side)	1		M6 L=16*2	1
D**1293A-FB (For pole side)	2		M6 L=16*2	1
D**1293A-FC	3		₩6 L=12*4	2
D**1293A-FD	4		M6 L=25*4	1

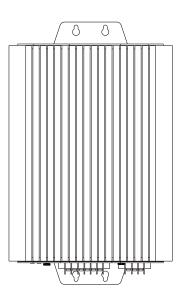


■ Mounting Methods

1.Normal Mounted (Standard type)



Horizontal mounted



Vertical mounted

2.Pole mounted with a bracket kit (Optional type)

© Rear mounted (Optional Bracket Part No:D**1293A-FC > D**1293A-FD)

