



DPU-3200 Features

- Universal AC input/ Full Range
- High efficiency up to 94.5%
- Forced air cooling by building in DC fans
- Output voltage and constant current level programmable
- Active current sharing up to 16000W (5 units)
- Optional PMBus or CANBus protocol
- Protections: Short circuit / Over load / Over voltage / Over temperature
- Optional conformal coating
- 5 year warranty

PHP-3500 Features

- Universal AC input/ Full Range
- High efficiency up to 96%
- Fanless design, water-cooled power supply
- Slim and Low Profile (60mm)
- Output voltage and constant current level programmable
- OVC III operating altitude up to 3000 meters
- Active current sharing up to 14000W, 4 units (24V & 48V models)
- Built-in PMBus or optional CANBus protocol
- Protections: Short circuit / Over load / Over voltage / Over temp.
- Optional cold plate for effortless implementation
- Optional conformal coating
- 5 year warranty

General Specification (Please refer to www.meanwell.com for detail spec.)



Model No.	DPU-3200	PHP-3500
AC input voltage range	90~264VAC; 127~370VDC	
AC inrush current (max.)	Cold start 55A/230VAC	Cold start 80A/230VAC
DC adjustment range	24V: 23.5~30V; 48V: 47.5~58.8v	24V: 24~28.8V; 48V: 48~57.6V 120V: 60~120V; 250V: 125~250V; 400V: 200~400V
Overload protection	Range	105~115% rated output power
	Type	Constant current limiting, shut down O/P voltage 5 sec. after O/P voltage is down low, re-power on to recover.
Over voltage protection	Range	24V: 31.5~37.5V; 48V: 63~75V 24V: 30~36V; 48V: 60~72V 120V: 75~150V; 250V: 156~312V; 400V: 250~500V
	Type	Shut down O/P voltage, re-power on to recover
Withstand voltage	I/P-O/P: 3KVAC; I/P-FG: 2KVAC; O/P-FG: 1.5KVAC	I/P-O/P: 3KVAC; I/P-FG: 2KVAC; O/P-FG: 1.25KVAC
Working temperature	-30~+70°C (refer to "De-rating curve")	-30~+70°C Baseplate Temperature (refer to "De-rating curve")
Vibration	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X,Y, Z axes	
Safety standards	UL62368-1, TUV EN62368-1, EAC TP TC 004 approved	UL62368-1, TUV EN62368-1, EAC TP TC 004 approved; design refers to EN61558-1, EN60335-1
EMC standards	"Compliance with EN55032 (CISPR32) / EN55011 (CISPR11) Conduction Class B, Radiation Class A; EN61000-3-2,3; EN61000-4-2, 3, 4, 6, 8, 11; EN-61000-6-2, EAC TP TC 020"	
Connection	Bus Bar	Terminal
Dimension (LxWxH)(mm)	325.8 x 107 x 41	380 x 141.4 x 60

3200W		DPU-3200		
Model No.	Output	Tol.	R&N	Effi.
DPU-3200-24	24V, 0~133A	±1%	300mV	93.5%
DPU-3200-48	48V, 0~67A	±1%	480mV	94.5%

3500W		PHP-3500		
Model No.	Output	Tol.	R&N	Effi.
PHP-3500-24	24V, 0~145A	±1%	300mV	95%
PHP-3500-48	48V, 0~73A	±1%	480mV	96%
PHP-3500-120	120V, 0~29.2A	±1%	800mV	95%
PHP-3500-250	250V, 0~14.0A	±1%	1600mV	95.5%
PHP-3500-400	400V, 0~8.8A	±1%	3000mV	96%



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