

Charger 3200W Enclosed & Rack Type Programmable Charger



Features

- Universal AC Input / Full Range
- Charger for lead-acid (Gel, flooded and AGM) and Li-ion (Li-ion & Lithium Manganese) batteries
- Built-in default 3 stage charging curves and programmable curve
- Built-in active PFC function
- High efficiency up to 94.5% (48VDC)
- High power density 37W/in³
- Cooling by built-in DC fan
- PV (Programmable Voltage) and PC (Programmable Constant Current) functions
- Built-in OR-ing MOSFET, support hot swap/plug (DBR-3200 only)
- Active current sharing, one 19" 1U rack up to **12800W**, two racks up to **25600W** in parallel
- I²C interface, support PMBus protocol (CANBus optional)
- Protections: Battery under voltage / Battery no connection / Short circuit / Over temperature / Over voltage
- Optional conformal coating
- 5 years warranty

Order Information

DBU-3200-24 ☐

- Communication protocol option
 - Blank: Standard model, PMBus protocol
 - CAN: Optional model, CANBus protocol
- Nominal voltage (24V/48V)
- Output wattage
- Series name (DBU: Charger; DBR: Rack charger)

DHP-1U T - A

- Rack shelf for 3200W unit
- T: Terminal block
- Profile of the system
- Series name (DHB: Rack charger system)

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



Order No.	DBU-3200	DBR-3200
AC input voltage range	90-264VAC; 127~370VDC	
AC inrush current (max.)	17A/230VAC, COLD START	
DC adjustment range	24V: 23.5-30V; 48V: 47.5-58.8V	
Over voltage protection	24V: 31.5-37.5V; 48V: 63-75V	
Working temperature	-30~+70°C (refer to output derating curve)	
Withstand voltage	I/P-O/P: 3KVAC; I/P-FG: 2KVAC; O/P-FG: 1.5KVAC (0.5KVAC for 24V)	
Safety standards	UL62368-1, TUV EN62368-1, EAC TP TC 004 approved	
EMC standards	Compliance with EN55032 (CISPR32) Conduction Class B, Radiation Class A; EN61000-3-2,3, EAC TP TC 020 EN61000-4-2,3,4,5,6,8,11, EN61000-6-2(EN55082-2), light industry level, criteria A	
Connection	Bus Bar	Positronic PCIM34W13F400A1
Communication Protocol	PMBus; CANBus (optional)	
Dimension(LxWxH)(mm)	325x 107x 41	

3200W DBU-3200			3200W DBR-3200		
Model No.	Output	Efficiency	Model No.	Output	Efficiency
DBU-3200-24	28.8V, 0~110A	93.5%	DBR-3200-24	28.8V, 0~110A	93.5%
DBU-3200-48	57.6V, 0~55A	94.5%	DBR-3200-48	57.6V, 0~55A	94.5%