

Eaton DX-RT UPS

6-10 kW



Industrial Gateway Card
(INDGW-M2)



Gigabit Network Card
(NETWORK-M2)



Advanced protection for:

- IT, Storage, Networking and Server equipment
- Telecommunications and VoIP equipment
- Small and Micro Data Centre application
- Bio-Metrics, Radiology and Medical equipment
- Laboratory equipment and Precision instruments
- Banking and Security system
- Manufacturing

DX-RT 6-10kW is a true online double conversion rack and tower convertible UPS system that affordably provides robust, reliable, compact and efficient power management solution for mission critical application from downtime and data-loss.

High efficiency and performance

- Rack & Tower convertible, higher power density (only 2u and <600mm depth for 10K)
- True Output Unity PF 1 (VA=Watts)
- Double conversion efficiency up to 95%
- Achieve >98% in ECO/ high-efficiency mode
- Support paralleling
- Comply with CE certification

Manageability

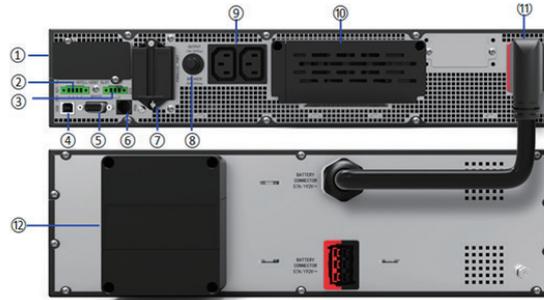
- Get clear information on the UPS' measurements and status with the graphical LCD display
- Up to 100 event log can be read through LCD
- Easily communicate with the UPS through USB, RS232 serial, EPO, programmable dry in/ dry out or over the network with the optional network cards Network-M2/ INDGW-M2/ Relay-MS cards.
- Equipped with Eaton's Intelligent Power™ Software for seamless integration with all major OS and virtualization platforms.

Flexibility

- Adjustable charger current and set the most suitable charger current in a range of 0 to 12 Amps
- Meet the long backup time requirement with flexible battery configuration of 16-20 pcs battery configuration
- Extend runtime with configurable 3U standard battery module or third-party battery pack
- Suitable for most installations with tower or rack standard 19-inch cabinet

VA =
Watt

Eaton DX-RT UPS



- 1 Communication card slot
- 2 Dry contact
- 3 EPO port
- 4 USB port
- 5 RS232 port
- 6 Maintenance bypass switch

- 7 Parallel card (optional)
- 8 Circuit breaker output
- 9 IEC C13 Outlet
- 10 Input/output terminal block connector
- 11 External Battery Module (EBM) connector
- 12 Battery fuse

TECHNICAL SPECIFICATIONS	DXRT 6Ki	DXRT 6KiXL	DXRT 10Ki	DXRT 10KiXL
Rating (VA/W)	6KVA/6KW	6KVA/6KW	10KVA/10KW	10KVA/10KW
Format	Tower / Rack			
Input Characteristics				
Input voltage range	110VAC~275VAC			
Input frequency range	40~70Hz			
Power factor	≥ 0.995			
Harmonic (linear load)	<3%			
Output Characteristics				
Power factor	1			
Output voltage	208 / 220 / 230 / 240VAC (default 220VAC)			
Voltage variation	±1%			
Output frequency (battery mode)	(50/60±0.1)Hz			
Voltage distortion (linear load)	<1%			
Overload capacity	105%~125% for 10 minutes; 125%~150% for 30 seconds			
Battery Characteristics				
Type	Valve-controlled maintenance-free lead-acid type			
Battery voltage	16pcs default (20pcs optional)	192VDC default (192/ 204/ 216/ 228/ 240VDC adjustable)	16pcs default (20pcs optional)	192VDC default (192/ 204/ 216/ 228/ 240VDC adjustable)
Backup time - Full load/ 50% load (PF=0.9)	4 minutes / 11 minutes	depends on battery	2 minutes / 8 minutes	depends on battery
Charger current	0~4A (default 1.6A)	0~12A (default 4A)	0~4A (default 2A)	0~12A (default 4A)
UPS Characteristics				
Efficiency	double conversion mode 95%; ECO mode 98%			
Maintenance bypass switch	Built-in			
Dimensions W x D x H / Weight				
Dimensions (mm)	443 x 570 x 87 EBM 443 x 593 x 129	443 x 570 x 87	443 x 570 x 87 EBM 443 x 593 x 129	443 x 570 x 87
Weight (kg)	13.0 EBM 45.5	13.1	14.5 EBM 45.5	15.0
Operating conditions, Standards and Approvals				
Display	Graphical LCD + LED indicator			
Operating temperature	0 to 40°C			
Humidity	0 ~ 95% (no condensation)			
Altitude	<1000m no derating, >1000m derating 1% for every 100m			
Storage temperature	-20 to 55°C (without battery)			
Protection level	IP20			
Parallel	Support 3 units			
Communication	RS232 / USB / Network-M2/ INDGW-M2/ Relay-MS cards			
Options	Rack mounting rail, EBM, PDU, centralized monitoring software IPM, parallel kit			
Approvals	CE			