

# DBU

## Dynamic Braking Unit

### ■ Features

- Applicable for loads with relatively high damping frequency(ED), 20%.
- Up to a maximum of 4 parallel driving control units is possible.



### ■ GENERAL SPECIFICATIONS

Model	Max Input Direct Current Voltage	Applicable Inverter Capacity [kW]		Damping Resistance		
				Capacity[kW]	Min Resistance Value[Ω ]	
IT150DBU-2H	200V series DC 400V	11 kW	15 kW	3.2 kW	8.5 Ω	
IT220DBU-2H		18.5 kW	22 kW	30 kW	4.8 kW	5.7 Ω
IT370DBU-2H		37 kW	45 kW	6.4 kW	4.2 Ω	
IT550DBU-2H		55 kW		9.6 kW	2.8 Ω	
IT150DBU-4H	400V series DC 800V	11 kW	15 kW	3.2 kW	33.9 Ω	
IT220DBU-4H		18.5 kW	22 kW	4.8 kW	22.8 Ω	
IT370DBU-4H		30 kW	37 kW	6.4 kW	16.9 Ω	
IT550DBU-4H		45 kW	55 kW	9.6 kW	11.4 Ω	
IT750DBU-4H		75 kW		12.8 kW	8.4 Ω	

### ■ CHARACTERISTICS

Surrounding Temp	-10C ~ 4C
Humidity	Relative humidity of under 90% RH(Should be no dew condensation)
Altitude	Under 1000m above the sea level
Cooling Method	Natural cooling
Installation Precautions	There should be no corrosive gas inside panel, oil remnants, inflammable gas or dust inside panel.
Max On-time	6 seconds.
Protecting function	Protection of heat sink's overheating, over current and output shortcut
Output signal	Heat sink temp., open fuse, OC trip signal.
Parallel Driving	Up to a max of 3 parallel driving units is possible.
Allowed damping frequency	Without cooling FAN, 10%
Average damping torque	100%

### ■ DIMENSIONS

