

# DBU

## Dynamic Braking Unit

### ■ Features

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



### ■ 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	-10℃ ~ 40℃
Humidity	Relative humidity of under 90% RH(Should be no dew condensation)
Altitude	Under 1000m above the sea level
Cooling way	Natural cooling
Surrounding circumstance	There should be no corrosive gas inside panel, oil remnant, inflammable gas and dust inside panel.
Max Turn on time	6sec
Protecting function	Protection of heat sink's overheating, over current and output shortcut
Output signal	HEAT SINK heating, FUSE OPEN, OC trip signal
Parallel driving	Up to a max of 3 parallel driving units is possible.
Allowed damping frequency	Without cooling FAN, 10%
Ave damping torque	100%

### ■ DIMENSIONS

