

## MAIN SPECIFICATION

Type		MR-PR150S	MR-PR-250S
Electrical Specification	Rated Input Voltage	3Ø AC 380/440V 50/60Hz	
	Range of Input Voltage	Rated at ±10%	
	Capacity	3.2kVA	5.2kVA
	Positive Peak Current	150A X 2	250A X 2
	Reverse Peak Current	450A X 2	750A X 2
	Positive Voltage	6V (Maximum 7V)	
	Reverse Voltage	15V	
	Rating	Δg type 100% continuous rating (JIS standard)	
	Positive-Reverse switching time	type 100μs(At output inductance 0.1μH)	
	Main Circuit Method	FET step-down chopper method	
	Power Control Method	Constant Current Control	
	Range of power conditioning	Both a positive side and a reverse-side: 0 ~ rated current X 2 kinds	
	Current Control Accuracy	±3% against the rated value	
	Pulse Width	2 ~ 50ms on positive side and 0.1 ~ 6.0ms on reverse-side	
Pulse Width Duty Ratio	Positive side : Reverse-side = 5 : 1 (over)		
Insulation Resistance		10MΩ or more (By DC 500V megger)	
Cooling System		Forced air cooling	
Working Condition	Location	Indoors	
	Ambient Temperature	0 ~ 40°C	
	Relative Humidity	30 ~ 85%	
	Altitude	1000m or less	
Display Function		Provides the status display function including operation, abnormality, master/slave and PR/DC. The monitor value display function including positive side voltage and current, reverse side voltage and current, positive integrated values and reverse integrated pulse.	
Set Item for Output	Pulse Output Pattern	DC, Pulse and PR (3 Type)	
	Number of output patterns	10 patterns maximum	
	Changeover time between patterns	2s (typ.)	
	Range of idle period width	0 ~ 99.9ms	
	Range of Pattern energizing time	0 ~ 9999s / pattern	
	Serial Communications Method	RS485 (The conversion into RS232 is necessary on the personal computer side)	

\*1: The products of AC200/220 or AC400/460V input specification is also possible