

# Electronic Products

## RAPIDUS Series Power Factor Controllers



RAPIDUS 218R	RAPIDUS 114	RAPIDUS 114R	RAPIDUS 116	RAPIDUS 116R	RAPIDUS 118
Power Factor Controller (10-8steps)	Power Factor Controller (10-4steps)	Power Factor Controller (10-4steps)	Power Factor Controller (10-6steps)	Power Factor Controller (10-6steps)	Power Factor Controller (10-8steps)
606021	606060	606061	606062	606063	606064
10	10	10	10	10	10
Available	Custom LCD	Custom LCD	Custom LCD	Custom LCD	Custom LCD
Turkish, English, Russian	Turkish, English	Turkish, English	Turkish, English	Turkish, English	Turkish, English
Available	-	-	-	-	-
Available	-	-	-	-	-
Available	Available	Available	Available	Available	Available
1-5000	1 - 5.000	1 - 5.000	1 - 5.000	1 - 5.000	1 - 5.000
1-5000	1 - 999.9	1 - 999.9	1 - 999.9	1 - 999.9	1 - 999.9
1-60 minutes adjustable	-	-	-	-	-
Single phase(L-L or L-N) voltage connection with 1 CT	L-L/L-N	L-L/L-N	L-L/L-N	L-L/L-N	L-L/L-N
4	-	-	-	-	-
512	512	512	512	512	512
1 sec	<0.5 sec.	<0.5 sec.	<0.5 sec.	<0.5 sec.	<0.5 sec.
TT, TN, IT	TT, TN	TT, TN	TT, TN	TT, TN	TT, TN
Available	-	-	-	-	-
-	-	-	-	-	-
Available	-	-	-	-	-
Available	Available	Available	Available	Available	Available
Available	-	-	-	-	-
Available	-	-	-	-	-
Available	-	-	-	-	-
Available	Available	Available	Available	Available	Available
Available	Available	Available	Available	Available	Available
1-1-1-1, 1-1-2-2, 1-2-2-4, 1-2-3-3, 1-2-4-4, 1-1-2-4, 1-2-3-4, 1-2-4-8, 1-1-2-3	1-1-1-1, 1-2-2-2, 1-2-4-4	1-1-1-1, 1-2-2-2, 1-2-4-4	1-1-1-1, 1-2-2-2, 1-2-4-4	1-1-1-1, 1-2-2-2, 1-2-4-4	1-1-1-1, 1-2-2-2, 1-2-4-4
Available	-	-	-	-	-
Available	-	-	-	-	-
0.00-1000 adjustable	0.00-1000 adjustable	0.00-1000 adjustable	0.00-1000 adjustable	0.00-1000 adjustable	0.00-1000 adjustable
30 capacitor, 30 shunt reactor adjustable	30 capacitor or 10 capacitor	30 capacitor or 10 capacitor	30 capacitor or 10 capacitor	30 capacitor or 10 capacitor	30 capacitor or 10 capacitor
0.8cap. to 0.8ind. adjustable	0.8cap. to 0.8ind. Adjustable	0.8cap. to 0.8ind. Adjustable	0.8cap. to 0.8ind. Adjustable	0.8cap. to 0.8ind. Adjustable	0.8cap. to 0.8ind. Adjustable
0.8cap. to 0.8ind. adjustable	0.8cap. to 0.8ind. Adjustable	0.8cap. to 0.8ind. Adjustable	0.8cap. to 0.8ind. Adjustable	0.8cap. to 0.8ind. Adjustable	0.8cap. to 0.8ind. Adjustable
Available	-	-	-	-	-
Available	Available	Available	Available	Available	Available
Available	-	-	-	-	-
1-600 sec adjustable	1-600 sec adjustable	1-600 sec adjustable	1-600 sec adjustable	1-600 sec adjustable	1-600 sec adjustable
1-600 sec adjustable	1-600 sec adjustable	1-600 sec adjustable	1-600 sec adjustable	1-600 sec adjustable	1-600 sec adjustable
3-1000 sec adjustable	3-600 sec adjustable	3-600 sec adjustable	3-600 sec adjustable	3-600 sec adjustable	3-600 sec adjustable
±45 degree adjustable	-	-	-	-	-
Off, 5sec, 10sec, 20sec, 30sec, 40sec, 50sec, 60sec adjustable	-	-	-	-	-
1	1	1	1	1	1
-	-	-	-	-	-
-	Available	Available	Available	Available	Available
Available	-	-	-	-	-
-	-	-	-	-	-

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RAPIDUS 218R	RAPIDUS 114	RAPIDUS 114R	RAPIDUS 116	RAPIDUS 116R	RAPIDUS 118
10mA-6A AC	10mA-6A AC	10mA-6A AC	10mA-6A AC	10mA-6A AC	10mA-6A AC
300 V Cat II	510V CAT II	510V CAT II	510V CAT II	510V CAT II	510V CAT II
2 kV	2 kV	2 kV	2 kV	2 kV	2 kV
<0.2 VA	<0.3 VA	<0.3 VA	<0.3 VA	<0.3 VA	<0.3 VA
100A for 1 sec	100A for 1 sec	100A for 1 sec	100A for 1 sec	100A for 1 sec	100A for 1 sec
25,6 kHz	12,8 kHz	12,8 kHz	12,8 kHz	12,8 kHz	12,8 kHz
300 V Cat III	510V CAT III	510V CAT III	510V CAT III	510V CAT III	510V CAT III
95-410VAC ±10%	120-510V AC ±10%	120-510V AC ±10%	120-510V AC ±10%	120-510V AC ±10%	120-510V AC ±10%
95-410VAC ±10%	120-510V AC ±10%	120-510V AC ±10%	120-510V AC ±10%	120-510V AC ±10%	120-510V AC ±10%
45-65 Hz	45...65 Hz	45...65 Hz	45...65 Hz	45...65 Hz	45...65 Hz
<0.1 VA	<0.2 VA	<0.2 VA	<0.2 VA	<0.2 VA	<0.2 VA
25,6 kHz	12,8 kHz	12,8 kHz	12,8 kHz	12,8 kHz	12,8 kHz
Upto 51st	-	-	-	-	-
Available	Available	Available	Available	Available	Available
Available	Available	Available	Available	Available	Available
Class 0.2	Class 0.5	Class 0.5	Class 0.5	Class 0.5	Class 0.5
Class 1	Class 1	Class 1	Class 1	Class 1	Class 1
Class 0.2	Class 0.5	Class 0.5	Class 0.5	Class 0.5	Class 0.5
Class 0.5	Class 0.5	Class 0.5	Class 0.5	Class 0.5	Class 0.5
Class 2	Class 2	Class 2	Class 2	Class 2	Class 2
Class 0.05	Class 0.1	Class 0.1	Class 0.1	Class 0.1	Class 0.1
Class 0.2	Class 0.5	Class 0.5	Class 0.5	Class 0.5	Class 0.5
Class 0.5	Class 0.5	Class 0.5	Class 0.5	Class 0.5	Class 0.5
Class 0.2	Class 0.2	Class 0.2	Class 0.2	Class 0.2	Class 0.2
Class 0.5	Class 0.5	Class 0.5	Class 0.5	Class 0.5	Class 0.5
Class 1	Class 1	Class 1	Class 1	Class 1	Class 1
Class 0.2S	Class 0.5S	Class 0.5S	Class 0.5S	Class 0.5S	Class 0.5S
Class 2	Class 2	Class 2	Class 2	Class 2	Class 2
8+2(if alarm relay outputs are used for compensation) pcs.	4	4	6	6	8
NO (SPST)	NO (SPST)	NO (SPST)	NO (SPST)	NO (SPST)	NO (SPST)
2 A	2A	2A	2A	2A	2A
250 VAC	250VAC	250VAC	250VAC	250VAC	250VAC
500 VA	500 VA	500 VA	500 VA	500 VA	500 VA
≥ 10 <sup>7</sup> operations	≥ 10.0000000 operations	≥ 10.0000000 operations	≥ 10.0000000 operations	≥ 10.0000000 operations	≥ 10.0000000 operations
5×104(5A@250VAC) 1×105(5A@30VDC)	5×104(5A@250VAC) 1×105(5A@30VDC)	5×104(5A@250VAC) 1×105(5A@30VDC)	5×104(5A@250VAC) 1×105(5A@30VDC)	5×104(5A@250VAC) 1×105(5A@30VDC)	5×104(5A@250VAC) 1×105(5A@30VDC)
2 pcs.	2	2	2	2	2
NO (SPST)	NO (SPST)	NO (SPST)	NO (SPST)	NO (SPST)	NO (SPST)
4 A	4A	4A	4A	4A	4A
250 VAC	250 VAC	250 VAC	250 VAC	250 VAC	250 VAC
1000 VA	1000 VA	1000 VA	1000 VA	1000 VA	1000 VA
≥ 10 <sup>7</sup> operations	≥ 10.0000000 operations	≥ 10.0000000 operations	≥ 10.0000000 operations	≥ 10.0000000 operations	≥ 10.0000000 operations
5×104(5A@250VAC) 1×105(5A@30VDC)	5×104(5A@250VAC) 1×105(5A@30VDC)	5×104(5A@250VAC) 1×105(5A@30VDC)	5×104(5A@250VAC) 1×105(5A@30VDC)	5×104(5A@250VAC) 1×105(5A@30VDC)	5×104(5A@250VAC) 1×105(5A@30VDC)
1 pc.	1	1	1	1	1
45-65Hz	45-65Hz	45-65Hz	45-65Hz	45-65Hz	45-65Hz
95-240VAC	95-240VAC	95-240VAC	95-240VAC	95-240VAC	95-240VAC
-	-	-	-	-	-
-	-	-	-	-	-

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No	-	-	-	-	-
95-410VAC ±10% from La-Lb	120...510V AC ±10% from L1-N	120...510V AC ±10% from L1-N	120...510V AC ±10% from L1-N	120...510V AC ±10% from L1-N	120...510V AC ±10% from L1-N
45-65Hz	45-65Hz	45-65Hz	45-65Hz	45-65Hz	45-65Hz
< 10VA	< 10VA	< 10VA	< 10VA	< 10VA	< 10VA
-	-	-	-	-	-
1920 hours x 68 different parameters	-	-	-	-	-
240 days x 68 different parameters	-	-	-	-	-
36 hours x 68 different parameters	-	-	-	-	-
4 months x 16 different parameters	-	-	-	-	-
50	-	-	-	-	-
Modbus RTU	-	Modbus RTU	-	Modbus RTU	-
2400-115200 bps adjustable	-	1200-38400 bps adjustable	-	1200-38400 bps adjustable	-
None	-	Odd, Even, None	-	Odd, Even, None	-
1	-	1	-	1	-
1-247	-	1-247	-	1-247	-
2000V RMS	-	2000V RMS	-	2000V RMS	-
415	309	314	319	324	329
Front IP40 / Rear IP20 (IP66 with accessory)	Front IP40 / Rear IP20 (IP66 with accessory)	Front IP40 / Rear IP20 (IP66 with accessory)	Front IP40 / Rear IP20 (IP66 with accessory)	Front IP40 / Rear IP20 (IP66 with accessory)	Front IP40 / Rear IP20 (IP66 with accessory)
Panel Mount	Panel Mount	Panel Mount	Panel Mount	Panel Mount	Panel Mount
2,5 mm <sup>2</sup> - 14AWG	2.5mm <sup>2</sup> - 14AWG	2.5mm <sup>2</sup> - 14AWG	2.5mm <sup>2</sup> - 14AWG	2.5mm <sup>2</sup> - 14AWG	2.5mm <sup>2</sup> - 14AWG
4mm <sup>2</sup> -12 AWG, 2x1.5 mm <sup>2</sup> -2x16 AWG	4mm <sup>2</sup> - 12AWG, 2x1.5mm <sup>2</sup> - 2x16AWG	4mm <sup>2</sup> - 12AWG, 2x1.5mm <sup>2</sup> - 2x16AWG	4mm <sup>2</sup> - 12AWG, 2x1.5mm <sup>2</sup> - 2x16AWG	4mm <sup>2</sup> - 12AWG, 2x1.5mm <sup>2</sup> - 2x16AWG	4mm <sup>2</sup> - 12AWG, 2x1.5mm <sup>2</sup> - 2x16AWG
1,5 mm <sup>2</sup> -16AWG	-	1.5mm <sup>2</sup> - 16AWG	-	1.5mm <sup>2</sup> - 16AWG	-
1.5 mm <sup>2</sup> -16 AWG, 2x0.75 mm <sup>2</sup> -2x18 AWG	-	1.5mm <sup>2</sup> - 16AWG, 2x0.75mm <sup>2</sup> - 2x18AWG	-	1.5mm <sup>2</sup> - 16AWG, 2x0.75mm <sup>2</sup> - 2x18AWG	-
-20 to +55 °C	-20°C +55°C	-20°C +55°C	-20°C +55°C	-20°C +55°C	-20°C +55°C
-30 to +80 °C	-30°C +80°C	-30°C +80°C	-30°C +80°C	-30°C +80°C	-30°C +80°C
Max.95%	Maks. 95%	Maks. 95%	Maks. 95%	Maks. 95%	Maks. 95%
IP66 Silicone Cover (96x96mm)	IP66 Silicone Cover (96x96mm)	IP66 Silicone Cover (96x96mm)	IP66 Silicone Cover (96x96mm)	IP66 Silicone Cover (96x96mm)	IP66 Silicone Cover (96x96mm)
SILICONE COVER	SILICONE COVER	SILICONE COVER	SILICONE COVER	SILICONE COVER	SILICONE COVER
250 001	250 001	250 001	250 001	250 001	250 001
2	2	2	2	2	2