



# ECP3

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## 3 PHASE 2 POLE IP 23

### AVR - Brushless Generators

#### CHARACTERISTICS

#### INDUSTRIAL RATINGS

ambient 40° C

Type	kVA - cosφ 0.8 - 3 Phase continuous							EFFICIENCY			1 Phase kVA COSφ = 1 CL. H (ΔT = 125°C) DELTA
	CL. H (ΔT = 125°C)				CL. F (ΔT = 105°C)			η % CL. H (ΔT = 125°C)			
Series Star Y	380	400	415		380	400	415	2/4	3/4	4/4	
Parallel Star YY	190	200	208	IP45	190	200	208				
Series Delta Δ	220	230	240	400 V	220	230	240				
Parallel Delta ΔΔ	110	115	120		110	115	120				
<b>ECP3-1S/2</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>6</b>	<b>7,2</b>	<b>7,2</b>	<b>7,2</b>	<b>76</b>	<b>79,5</b>	<b>78,5</b>	<b>5,5</b>
<b>ECP3-2S/2</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>7,5</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>77,5</b>	<b>81</b>	<b>80,5</b>	<b>7</b>
<b>ECP3-3S/2</b>	<b>12,5</b>	<b>12,5</b>	<b>12,5</b>	<b>9,5</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>80</b>	<b>83,5</b>	<b>83</b>	<b>8</b>
<b>ECP3-1L/2</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>12</b>	<b>14,5</b>	<b>14,5</b>	<b>14,5</b>	<b>81,5</b>	<b>85</b>	<b>84,5</b>	<b>10,5</b>
<b>ECP3-2L/2</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>15,5</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>82,5</b>	<b>86</b>	<b>85,5</b>	<b>12,5</b>

Type	CL. H (ΔT = 125°C)				CL. F (ΔT = 105°C)			EFFICIENCY			1 Phase kVA COSφ = 1 CL. H (ΔT = 125°C) DELTA
								η % CL. H (ΔT = 125°C)			
Series Star Y	440	460	480		440	460	480	2/4	3/4	4/4	
Parallel Star YY	220	230	240	IP45	220	230	240				
Series Delta Δ	254	265	277	480 V	254	265	277				
Parallel Delta ΔΔ	127	133	138		127	133	138				
<b>ECP3-1S/2</b>	<b>9,6</b>	<b>9,6</b>	<b>9,6</b>	<b>7,2</b>	<b>8,2</b>	<b>8,6</b>	<b>8,6</b>	<b>77,4</b>	<b>80,8</b>	<b>79,9</b>	<b>6,6</b>
<b>ECP3-2S/2</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>9</b>	<b>10,2</b>	<b>10,8</b>	<b>10,8</b>	<b>79,8</b>	<b>83,2</b>	<b>82,8</b>	<b>8,4</b>
<b>ECP3-3S/2</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>11,4</b>	<b>12,3</b>	<b>13</b>	<b>13</b>	<b>81,5</b>	<b>85</b>	<b>84,5</b>	<b>9,6</b>
<b>ECP3-1L/2</b>	<b>19,2</b>	<b>19,2</b>	<b>19,2</b>	<b>14,4</b>	<b>16,2</b>	<b>17</b>	<b>17</b>	<b>83,5</b>	<b>86,6</b>	<b>86,1</b>	<b>12,5</b>
<b>ECP3-2L/2</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>18</b>	<b>20,5</b>	<b>21,5</b>	<b>21,5</b>	<b>84,5</b>	<b>87,8</b>	<b>87,2</b>	<b>15</b>

#### STANDBY RATING

Type	kVA Temp. Rise / Ambient °C			kVA Temp. Rise / Ambient °C		
	50 Hz			60 Hz		
	163° / 27°	150° / 40°	125° / 27°	163° / 27°	150° / 40°	125° / 27°
<b>ECP3-1S/2</b>	8,6	8,3	8,3	10,4	10	10
<b>ECP3-2S/2</b>	10,8	10,4	10,4	13	12,5	12,5
<b>ECP3-3S/2</b>	13,5	13	13	16,2	15,6	15,6
<b>ECP3-1L/2</b>	17,2	16,6	16,6	20,7	20	20
<b>ECP3-2L/2</b>	21,5	20,5	20,5	26	25	25

Type	J (kgm²)			Weight (kg)			Air Volume (m³/min)		Noise dB(A)				Coupling discs	
	B3/B14	B3/B9	MD35	B3/B14	B3/B9	MD35	50 Hz	60 Hz	50 Hz		60 Hz		SAE N°	J (kgm²)*
<b>ECP3-1S/2</b>	0,03561	0,03549	0,03591	52	50	56	6,4	7,8	85	70	89	73	6½	0,00495
<b>ECP3-2S/2</b>	0,03955	0,03943	0,03985	58	56	62	6,3	7,8					7½	0,00769
<b>ECP3-3S/2</b>	0,04564	0,04568	0,04594	64	62	68	6,2	7,8					8	0,01114
<b>ECP3-1L/2</b>	0,05148	0,05144	0,05187	76	74	80	6	7,2					10	0,02220
<b>ECP3-2L/2</b>	0,05735	0,05731	0,05774	84	82	88	5,8	6,8					11½	0,03524

\* The J value of form MD35 is obtained by summing the J of the MD35 form with the J of the chosen SAE coupling discs.

#### ACCESSORIES

REGULATOR				PARALLEL DEVICE	THERMAL PROTECTION			HEATERS	MECHANICAL PROTECTION	
DSR	DER-1	SR7/2	UVR6		PTC	BIMET. DEVICE	PT100		IP23	IP45
●	□	□	□	□*	□	□	□	□	●	□

● = Standard

□ = Optional

\* available if requested when placing the order

Rating



