

## 100...240V AC/DC, Continued

Catalog Number	1606-XLP95E	1606-XLP100E	1606-XLP50F	1606-XLP100F
Output Voltage, Nom	24V	24V	48V	48V
Output Current, Nom	4 A	4.2 A	1.1 A	2.1 A
Adjustment Range	24...28V	24...28V	48...56V	48...56V
Output Current Range	4...3.4 A	4.2...3.6 A	1.1 A	2.1...1.8 A
Output Power	95 W	100 W	50 W	100 W
Power Reserves	–	–	–	–
Ripple and Noise, Max [mVPP]	50 mV	50 mV	50 mV	50 mV
AC Input Voltage	AC 100...120V/ 220...240V auto-select	AC 100...120V/ 220...240V auto-select	AC 100...240V	AC 100...120V/ 220...240V auto-select
DC Input Voltage	DC 290V	DC 290V	DC 110...300V	DC 290V
Power Factor, Typ	0.55	0.55	0.52	0.55
Input Inrush Current Limiter	NTC	NTC	NTC	NTC
Input Inrush Current <sup>(1)</sup>	22A/37 A	22 A/37 A	17 A/35 A	22 A/37 A
External Input Fuse, Min	B-10 A or C-6 A	B-10 A or C-6 A	B-10 A or C-6 A	B-10 A or C-6 A
Efficiency, Typ	90.0%	90.0%	90.0%	91.0%
Power Losses, Typ	10.5 W	11.4 W	6.0 W	10.0 W
MTBF <sup>(2)</sup>	500 kh	500 kh	600 kh	500 kh
Lifetime, Min (+40 °C)	–	–	–	–
Temperature, Operating	-10...+70°C (-14...+158 °F)	-10...+70°C (-14...+158 °F)	-10...+70°C (14...158 °F)	-10...+70°C (14...158 °F)
Derating <sup>(3)</sup>	2 W / °C	2.5 W / °C	1.3 W / °C	2.5 W / °C
Connection Terminals	Spring	Spring	Spring	Spring
Dimensions W x H x D	73 x 75 x 103 mm (2.87 x 2.95 x 4.06 in.)	73 x 75 x 103 mm (2.87 x 2.95 x 4.06 in.)	45 x 75 x 91 mm (1.77 x 2.95 x 3.58 in.)	73 x 75 x 103 mm (2.87 x 2.95 x 4.06 in.)
Weight	360 g (0.79 lb)	360 g (0.79 lb)	240 g (0.53 lb)	360 g (0.79 lb)
DC OK Relay Contact	–	–	–	–
Special Features	NEC Class 2	–	–	–

(1) Output transient current

(2) +40 °C (104 °F), SN29500

(3) From 60...70 °C (140...158 °F).

380...480V AC/DC

Catalog Number	1606-XLP90E-2	1606-XLP100E-2
Output Voltage, Nom	24V	24V
Output Current, Nom	3.75 A	4.2 A
Adjustment Range	24...28V	24...28V
Output Current Range	3.75 ...3.2 A	4.2...3.6 A
Output Power	90 W	100 W
Power Reserves	—	—
Ripple and Noise, Max [mVPP]	50 mV	50 mV
AC Input Voltage	2 AC 380...480V	2 AC 380...480V
Power Factor, Typ	0.60	0.60
Input Inrush Current Limiter	NTC	NTC
Input Inrush Current <sup>(1)</sup>	30A/36 A	30A/36 A
External Input Fuse, Min	B- 10 A or C-6 A	B- 10 A or C-6 A
Efficiency, Typ	89.5%	89.5%
Power Losses, Typ	10.5 W	11.7 W
MTBF <sup>(2)</sup>	1594 kh	1594 kh
Lifetime, Min (+40 °C)	—	—
Temperature, operating	-10...+70 °C (14...158 °F)	-10...+70 °C (14...158 °F)
Derating <sup>(3)</sup>	2 W/ °C	2.5 W/ °C
Connection Terminals	Spring	Spring
Dimensions W x H x D	73 x 75 x 103 mm (2.87 x 2.95 x 4.06 in.)	73 x 75 x 103 mm (2.87 x 2.95 x 4.06 in.)
Weight	360 g (0.79 lb)	360 g (0.79 lb)
DC OK Relay Contact	—	—
Special Features	NEC Class 2	—

(1) Output transient current

(2) +40 °C (104 °F), SN29500

(3) From 60...70 °C (140...158 °F).