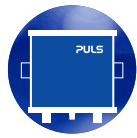
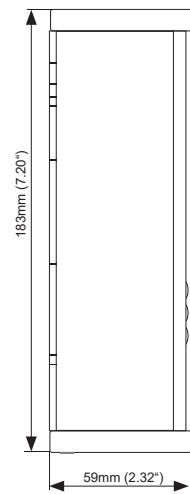
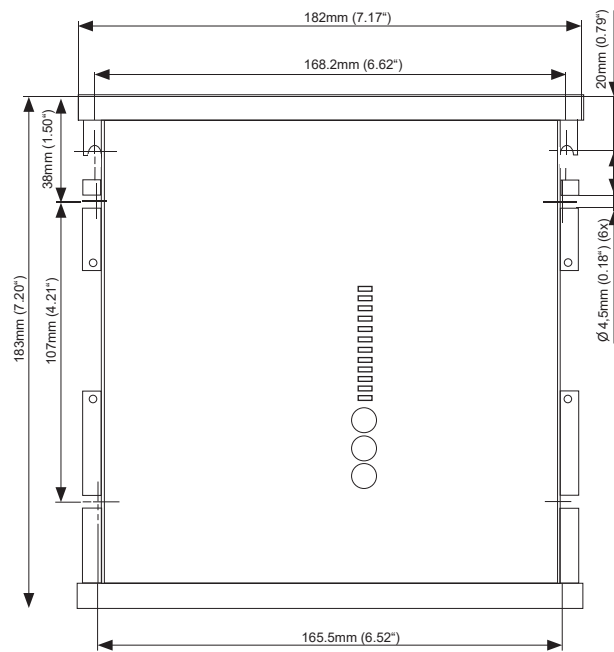


IP54, IP65, IP67
Field Power Supplies



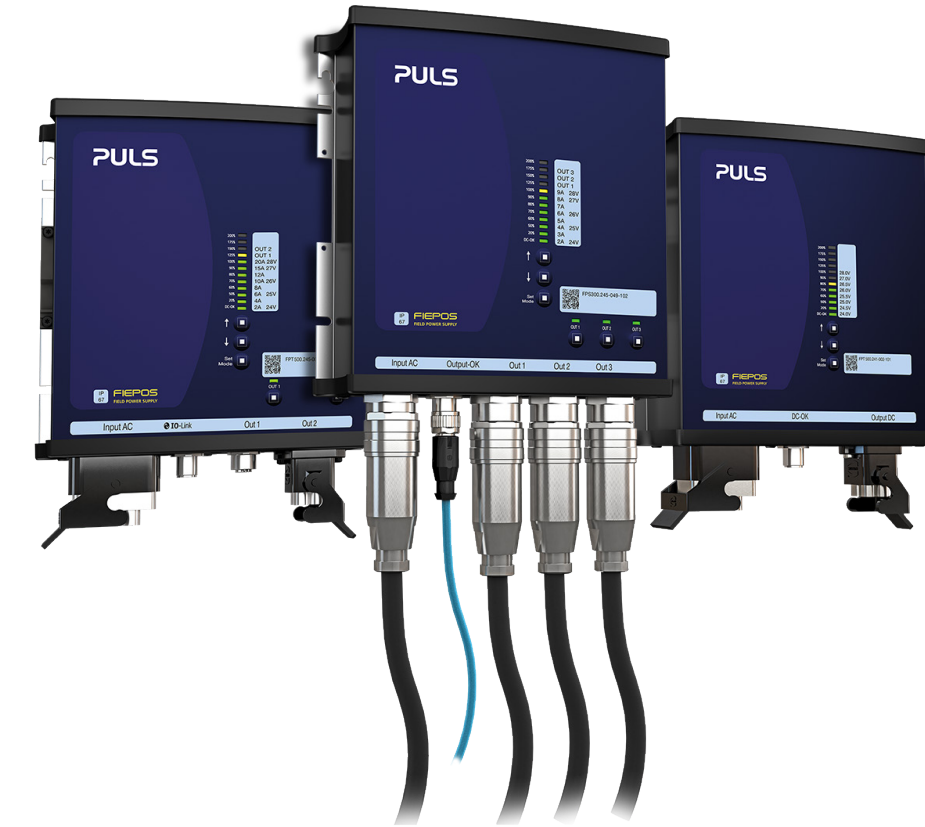


Technical data



3PH	3PH	1PH	1PH
300W	500W	300W	500W

OUTPUT				
Output voltage nominal	24V	24V	24V	24V
Adjustment range	Fixed	24 – 28V	Fixed	24 – 28V
Output Power nominal	300W	500W	300W	500W
Output BonusPower®	600W (1s)	1000W (5s)	600W (1s)	1000W (5s)
Output Power Boost®	450W (60s)	600W max. 45°C	360W max. 40°C	600W max. 40°C
Output Peak current	45A (12ms)	45A (12ms)	30A (12ms)	30A (12ms)
Overload behavior	Hiccup ^{plus}	Hiccup ^{plus}	Hiccup ^{plus}	Hiccup ^{plus}
INPUT				
AC input voltage nominal	380-480VAC	380-480VAC	100-240VAC	200-240VAC
AC input voltage range	320-552VAC	320-552VAC	85-264VAC	170-264VAC
Power factor	> 0.9 at 400/480VAC	> 0.9 at 400/480VAC	> 0.99 at 230VAC	> 0.99 at 230VAC
AC inrush current typical	< 2A at 400/480VAC cold start	< 2A at 400/480VAC cold start	< 6A at 230VAC cold start	< 6A at 230VAC cold start
GENERAL				
Efficiency	>95%	>95%	>95%	>95%
Lifetime expectancy	100 000h at 40°C ambient	74 000h at 40°C ambient	>50 000h at 40°C ambient	>50 000h at 40°C ambient
Hold-up time	23 ms at 400VAC	24 ms at 400VAC	24 ms at 230VAC	24 ms at 230VAC
Operating temperature	-25°C to 70°C	-25°C to 70°C	-25°C to 70°C	-25°C to 70°C
Dimensions WxHxD	182x183x57mm	182x183x57mm	182x183x57mm	182x183x57mm
Weight	< 1200g	< 1200g	< 1200g	< 1200g
Warranty	3 years	3 years	3 years	3 years



Basic	Catalog Number	Input Voltage (VAC)	Output Voltage (VDC)	Output Power	Power Boost®	Bonus Power®	Input Connector	Status M12-A Connector	Out1 Connector	Out2 Connector	Out3 Connector	Out4 Connector	IP Rating	Special Feature	List Price
	FPT300.242-002-101	380-480	24	300W	450W	600W	HAN Q4/2	DC-OK	HAN Q4/0	-	-	-	67	Without LED Bar and output Voltage setting	\$650.00
	FPT300.242-008-102	380-480	24	300W	450W	600W	HAN Q4/2	DC-OK	Cable Gland ASI	-	-	-	54	Without LED Bar and output Voltage setting	\$650.00
	FPT500.241-002-101	380-480	24-28	500W	600W	1000W	HAN Q4/2	DC-OK	HAN Q4/0	-	-	-	67	With LED bar and output voltage setting	\$900.00
eFused	FPT300.246-042-101	380-480	24-28	300W	450W	600W	HAN Q5/0	DC-OK	M12-A	M12-A	M12-A	M12-A	54	Each Output is NEC Class 2	\$1050.00
	FPT500.245-034-105	380-480	24-28	500W	600W	1000W	M12-S	I/O-Link	M12-L	M12-L	-	-	67	Each Output with two eFuses	\$1200.00
	FPT500.245-018-103	380-480	24-28	500W	600W	1000W	M12-S	I/O-Link	7/8"	7/8"	-	-	67	Each Output with two eFuses	\$1200.00

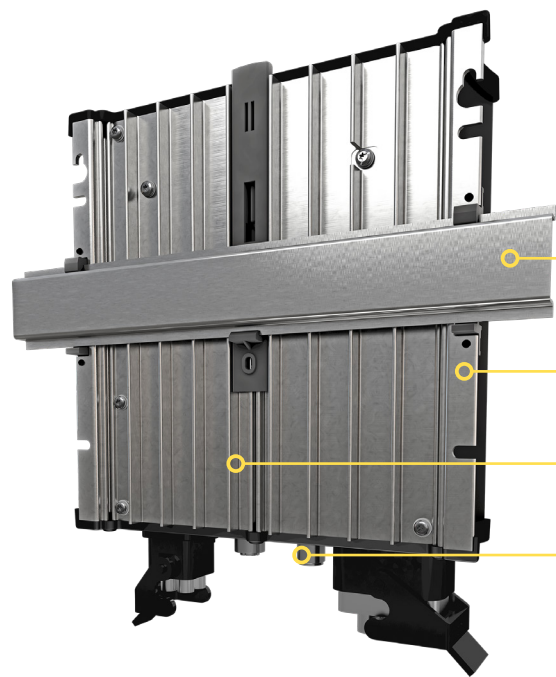


LED interface for immediate diagnostics

Adjustments for output voltage and tripping currents

Output On/Off & Reset

Multiple connector configurations available



DIN-rail or Surface Mount Options

IP54, IP65, or IP67 housing options

Durable, lightweight aluminum housing

I/O-Link interface or DC-OK contact



Contact

Find your sales contact person at PULS.



Application support

Contact our application support team for technical discussions.



Product Information

You can find further information on product page.