

PULS

IP54, IP65, IP67
Field Power Supplies

FIEPOS
FIELD POWER SUPPLY

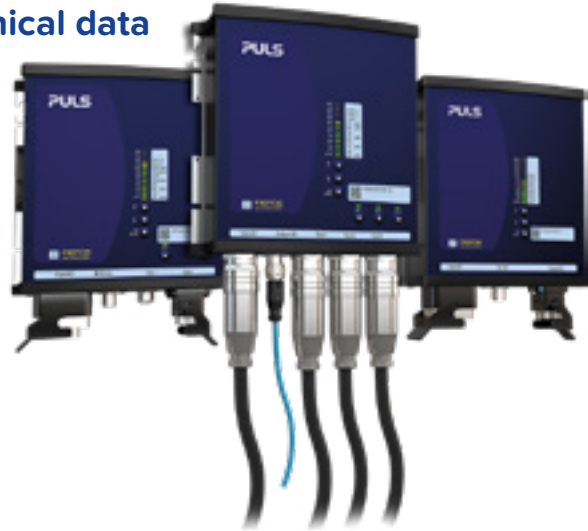


2021 MANUFACTURING
LEADERSHIP AWARDS

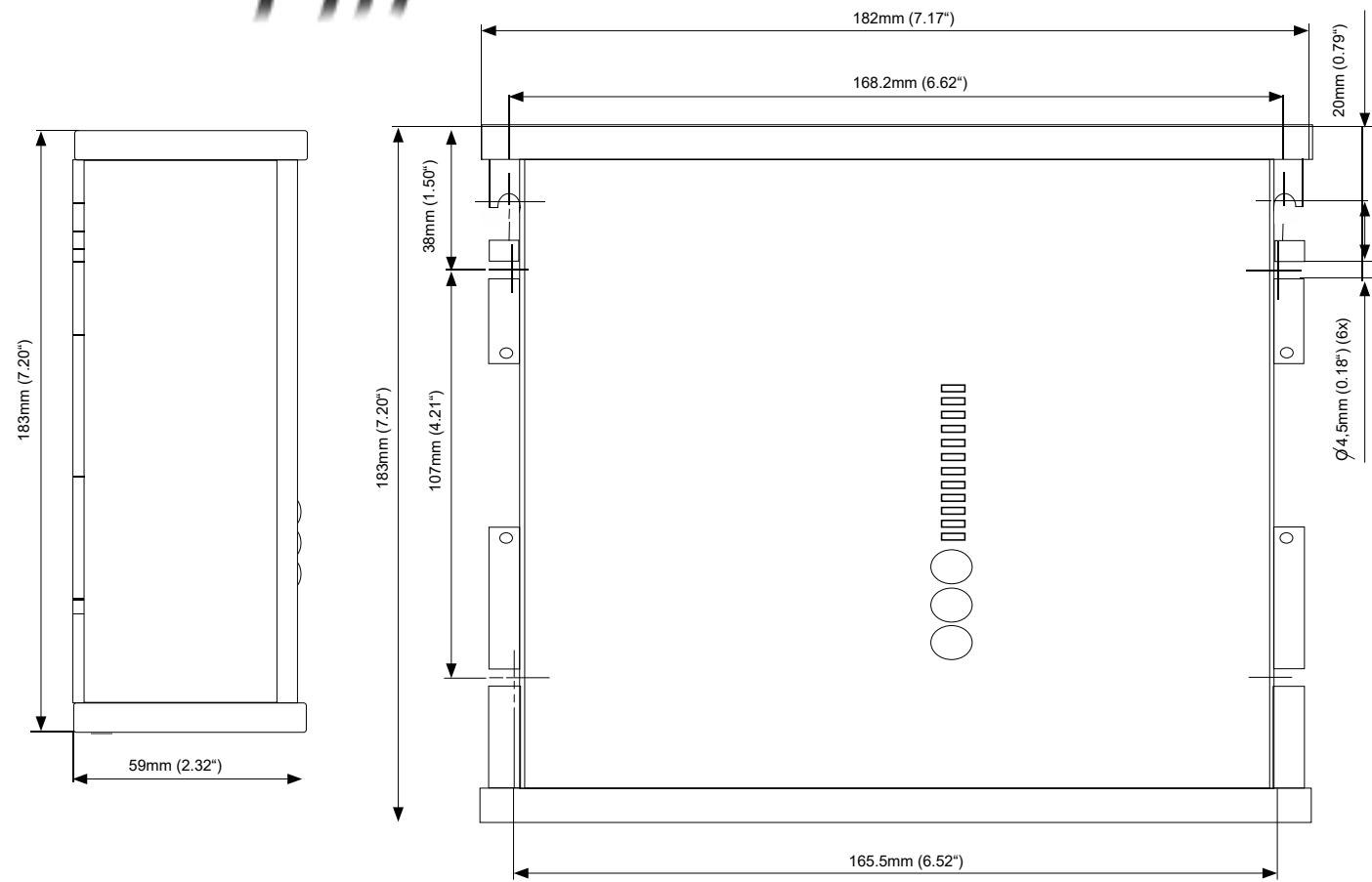
WINNER

MANUFACTURING
LEADERSHIP AWARDS
NATIONAL ASSOCIATION OF MANUFACTURERS

Technical data



Contact our Engineering Team
with Product or Application Questions



COMING Soon

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

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

	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	Out5 Connector	IP Rating	Special Feature	List Price
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Basic	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
	FPT500.241-006-104	380-480	24-28	500W	600W	1000W	HAN Q4/2	DC-OK	Cable Gland ASI	-	-	-	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

Decentralized Field Power Supply

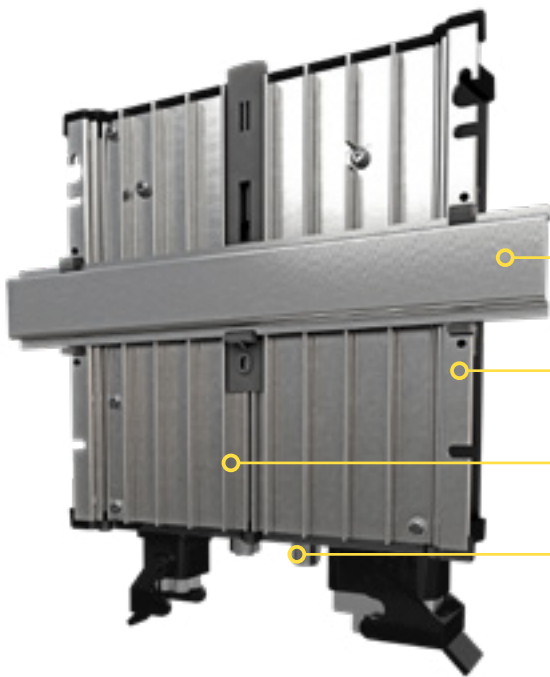


LED interface for immediate diagnostics

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 our Engineering Team

with Product or Application Questions



Contact

Find your sales contact person at PULS.



Product Information

You can find further information on product page.