

Saving *money* while
saving the earth
one **POWER SUPPLY**
at a time.



The *Greenest* Power Supply on Earth

www.puls-power.com/us

PULS

DIMENSION

PULS Dimension –

Utilizing Advanced Technology in Power Supply Design to save money for both the OEM and the User while improving the future of the world for all.



Comparison with Competitive Units: 10 Amp – 1 Phase

Manufacturer	Series/Catalog#	Energy Consumed For Operation at Full Load (Watts)	Annual Potential Energy Consumed (KW-Hrs.)	Additional Annual Energy Used Versus Dimension Q Series (KW-Hrs.)	Additional Energy Cost Versus Dimension Q Series
PULS	QS10.241	18.1	158.6	N/A	N/A
PULS	CS10.241	22.0	192.7	34.1	\$4.43
PULS	SL10.105	24.5	214.6	56.0	\$7.28
Sola	SDN 10-24-100P	29.6	259.3	100.7	\$13.09
Phoenix	Quint	24.9	218.1	59.5	\$7.74
Phoenix	Trio	27.5	240.9	82.3	\$10.70
Siemens	Sitop Smart	27.2	238.3	79.7	\$10.36
Weidmuller	CP SNT	28.2	247.0	88.4	\$11.49
ABB	CP-C 24/10	34	297.8	139.2	\$18.10
Lambda	DLP240	36.2	317.1	158.5	\$20.61
Mean Well-DR	DRP-240-24	44.1	386.3	227.7	\$29.60
Idec	PS5R-SG24	28.7	251.4	92.8	\$12.06
Omron	S8VS	29.4	257.5	98.9	\$12.86
Chinfa	DRA240-24	29.6	259.3	100.7	\$13.09

Comparison with Competitive Units: 20 Amp – 1 Phase

Manufacturer	Series/Catalog#	Energy Consumed For Operation at Full Load (Watts)	Annual Potential Energy Consumed (KW-Hrs.)	Additional Annual Energy Used Versus Dimension Q Series (KW-Hrs.)	Additional Energy Cost Versus Dimension Q Series
PULS	QS20.241	30.6	268.1	N/A	N/A
PULS	SL20.110	44.7	391.6	123.5	\$16.06
Sola	SDN20-24-100P	53.1	465.2	197.1	\$25.62
Siemens	Modular	56.9	498.4	230.3	\$29.94
Siemens	Sitop	61.3	537.0	268.9	\$34.96
Phoenix	Quint	46.6	408.2	140.1	\$18.21
Phoenix	Trio	45	394.2	126.1	\$16.39
ABB	CP-C24/20	52.4	459.0	190.9	\$24.82
Mean Well-DR	DRP 480-24	59.4	520.3	252.2	\$32.79

These are typical examples of the energy saving potential that is available to the end user – charts and data are available for the entire PULS product offering – contact your salesman for specific data on other units.

Notes:

1. Data based on lab test data @ full load and 230V input voltage
2. Test data available for all load conditions and 120V input as well - contact your salesman
3. Annual energy consumed for operation of power supply based on 24/7 operation - 365 days/year
4. Energy Costs based on average annual rate of \$0.13/KW-Hr.

[Energy Saving Potential]

PULS Dimension –

Lowering total costs for the OEM by...

reducing panel space

	MFG/Series	Footprint L x W (mm)	Panel Back Space (mm) ²	Comparable Space Required to PULS
5 Amp 1 Phase	PULS-Dimension	124 x 40	4960	100.0%
	Sola-SDN	124 x 65	8060	162.5%
	Phoenix-Quint	130 x 55	7150	144.2%
	Mean Well-DR	125 x 65.5	8187.5	165.1%
10 Amp 1 Phase	PULS-Dimension	124 x 60	7440	100.0%
	Sola-SDN	124 x 83	10292	138.3%
	Phoenix-Quint	130 x 85	11050	148.5%
	Mean Well-DR	125 x 125	15625	210.0%
20 Amp 3 Phase	PULS-Dimension	124 x 65	8060	100.0%
	Sola-SDN	124 x 150	18750	232.6%
	Phoenix-Quint	130 x 160	20800	258.1%
	Mean Well	125 x 227	28375	352.0%

Saving OEM's and Users on Panel Space Requirements—the Dimension Series is up to 55% smaller than PULS previous industry leading size.

eliminating excess heat

	MFG/Series	Efficiency	Output (watts)	Input (watts)	Loss/Heat (watts)	Heat in Panel Compared to PULS
5 Amp 1 Phase	PULS-Dimension	93	120	129	9	100.0%
	Sola-SDN	88	120	136	16	177.8%
	Phoenix-Quint	89	120	134.8	14.8	164.0%
	Mean Well-DR	84	120	143	23	255.6%
10 Amp 1 Phase	PULS-Dimension	93	240	258	9	100.0%
	Sola-SDN	88	240	272.7	32.7	181.6%
	Phoenix-Quint	91	240	263.7	23.7	132.0%
	MeanWell-DR	84	240	285.7	45.7	253.9%
20 Amp 3 Phase	PULS-Dimension	95	480	505.3	25.3	100.0%
	Sola-SDN	90	480	533.3	53.3	210.7%
	Phoenix-Quint	91	480	527.5	47.5	188.0%
	Mean Well-DR	89	480	539.3	59.3	234.4%

Energy Efficiency translates into less heat in the control panel; improving both life and performance of the power supply and other electronic components in the enclosure.



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PULS



*Assisting OEM's in
building a more efficient product
for their customer.*

*The most economical
and ecological choice
for OEM's and Users.*

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