

	AC POWER SUPPLY ADAPTER AWT-468 PULSAR	AC POWER SUPPLY ADAPTER AWT-682 PULSAR	AC POWER SUPPLY ADAPTER TR-40VA/NORATEL SATEL	AC POWER SUPPLY ADAPTER TR-60VA/NORATEL SATEL	BUFFERED SWITCHING POWER SUPPLY ADAPTER APS-1412 SATEL	BUFFERED SWITCHING POWER SUPPLY ADAPTER APS-412 SATEL	BUFFERED SWITCHING POWER SUPPLY ADAPTER APS-612 SATEL	BUFFERED SWITCHING POWER SUPPLY ADAPTER APS-724 SATEL	BUFFERED SWITCHING POWER SUPPLY ADAPTER DING2-12V2A PULSAR	BUFFERED SWITCHING POWER SUPPLY ADAPTER DING2-12V3A PULSAR	BUFFERED SWITCHING POWER SUPPLY ADAPTER DING2-12V3A PULSAR	BUFFERED SWITCHING POWER SUPPLY ADAPTER AWZ-637 FOR ACCESS CONTROLLERS DAHLUA ASC PULSAR	SWITCHING ADAPTER PS80 ROGER
													
	21.03 EUR 21.03 EUR	27.48 EUR 27.48 EUR	27.67 EUR 27.67 EUR	33.84 EUR 33.84 EUR	236.37 EUR 236.37 EUR	72.89 EUR 72.89 EUR	265.28 EUR 265.28 EUR	236.37 EUR 236.37 EUR	35.13 EUR 35.13 EUR	38.48 EUR 38.48 EUR	43.74 EUR 43.74 EUR	178.05 EUR 178.05 EUR	51.38 EUR 51.38 EUR
Adapter type	Transforming	Transforming	Transforming	Transforming	Switching	Switching	Switching	Switching	Switching	Switching	Switching	Switching	Switching
Power voltage	230 V AC	230 V AC	230 ... 250 V AC	230 V AC	230 V AC	230 V AC	230 V AC	230 V AC	200 ... 240 V AC	200 ... 240 V AC	200 ... 240 V AC	230 V AC / 50 Hz	230 V AC
Input voltage	...	...	...	...	...	...	...	...	...	...	...	...	...
Output voltage adjustment	...	...	...	...	...	...	...	...	...	...	...	...	...
Frequency range	50 Hz	50 Hz	47 ... 63 Hz	47 ... 63 Hz	...	...	...	...	...	...	...	...	...
Max. output current (total)	...	...	...	...	14 A	4 A	6 A	7 A	2.5 A	3.5 A	5 A	7 A	...
Output voltage	• 16 V AC, • 18 V AC	• 18 V AC, • 20 V AC	16 V, 18 V AC	18 V, 20 V AC	12 V DC	12 V DC	12 V DC	24 V DC	13.8 V DC	13.8 V DC	13.8 V DC	11 V ... 13.8 V DC (buffer operation)	13.8 V DC
EN norm	...	...	EN61558-2-6	EN61558-2-6	...	...	...	...	...	...	...	...	...
Power	...	...	...	...	168 W	48 W	72 W	168 W	34.5 W	48.3 W	69 W	100 W	...
Battery charging current	...	...	...	...	2 A	0.5 A / 1 A	1.5 A / 3 A	1 A	0.5 A	0.5 A / 1 A (set with the jumper)	1 A / 2 A (set with the jumper)	1 A / 2 A	...
Number of outputs	...	...	...	...	...	...	...	...	1 pcs	1 pcs	1 pcs	4	2 pcs
Test voltage between PE/SEC	...	...	AC 4kV RMS	AC 4kV RMS	...	...	...	...	...	...	...	...	...
Efficiency	...	...	...	...	...	...	...	...	≤ 90 %	≤ 90 %	≤ 90 %	...	...
Maximal load	• 2.2 A @ 16 V AC, • 2 A @ 18 V AC	• 3.3 A @ 18 V AC, • 3 A @ 20 V AC	2.22 A	3 A	...	...	...	...	...	...	...	...	10.8 A
Safety class	...	...	II	II	...	...	...	...	...	...	...	...	...
Tamper contact	...	...	...	...	...	...	...	...	...	...	...	50 V DC / 0.5 A	...
Environment class	II	II	...	...	...	...	...	...	...	...	...	...	...
Isolation class	...	...	B (130°C)	B (130°C)	...	...	...	...	...	...	...	...	...
Operation temp. / Relative humidity	...	...	...	...	...	...	...	...	...	...	...	...	-10 °C ... 40 °C / 20 % ... 90 %
Index of Protection*	IP43	IP43	IP44	IP43	...	...	...	...	...	...	...	...	...
Output power	40 VA	60 VA	40 VA	60 VA	...	...	...	...	...	...	...	...	150 W
Application	• to alarm systems powering • to automatic systems • to low-voltage light installation powering	• to alarm systems powering • to automatic systems • to low-voltage light installation powering	• to alarm systems powering • to automatic systems • to low-voltage light installation powering	• to alarm systems powering • to automatic systems • to low-voltage light installation powering	...	...	...	...	...	...	...	...	...
Output	2 pcs	2 pcs	2 pcs	2 pcs	...	...	...	...	...	...	...	...	...
Protections	...	...	...	...	• Short-circuit • Reverse polarity connection • Overload • Overvoltage	• Short-circuit • Reverse polarity connection • Overload • Overvoltage	• Short-circuit • Reverse polarity connection • Overload • Overvoltage	• Short-circuit • Overload • Overvoltage • Discharge	• Short-circuit • Overload • Overvoltage • Battery output protection against short circuit and reverse polarity connection • Protection against deep discharge of the battery	• Short-circuit • Overload • Overvoltage • Battery output protection against short circuit and reverse polarity connection • Protection against deep discharge of the battery	• Short-circuit • Overload • Overvoltage • Battery output protection against short circuit and reverse polarity connection • Protection against deep discharge of the battery	• Short-circuit • Overload • Overvoltage • Tamper • Reverse polarity connection • Discharge	• Overvoltage • Overload
Main features	...	...	...	...	...	...	...	...	Grade 2	Grade 2	Grade 2	• Built-in buffered power supply unit with battery and AC mains monitoring • Voltage distribution module, 4 circuits protected by 1.5A fuse • DIN TS-35 rail, Length : 185 mm • LED indication • Technical outputs of the relay type and OC • Place for battery - 12 V / 17 Ah	...
Adapter operation control	...	...	...	...	• DC output voltage presence indication • Battery charging indication • AC input voltage presence indication • WS output - indicating AC power collapse • WB output - Low battery voltage • WP output Current overload indication	• DC output voltage presence indication • Battery charging indication • AC input voltage presence indication • WS output - indicating AC power collapse • WB output - Low battery voltage • WP output Current overload indication	• DC output voltage presence indication • Battery charging indication • AC input voltage presence indication • WS output - indicating AC power collapse • WB output - Low battery voltage • WP output Current overload indication	• DC output voltage presence indication • Battery charging indication • AC input voltage presence indication • WS output - indicating AC power collapse, OC type • APS FLT output - Battery fault indication, OC type • "Cold Start" function • Dynamic battery test • Battery circuit continuity control • Battery voltage control • Battery charge and maintenance control	• AC input voltage presence indication - AC • DC output voltage presence indication - DC • Battery fault indication - APS • EPS FLT output - indicating AC power collapse, OC type • APS FLT output - Battery fault indication, OC type • "Cold Start" function • Dynamic battery test • Battery circuit continuity control • Battery voltage control • Battery charge and maintenance control	• AC input voltage presence indication - AC • DC output voltage presence indication - DC • Battery fault indication - APS • EPS FLT output - indicating AC power collapse, OC type • APS FLT output - Battery fault indication, OC type • "Cold Start" function • Dynamic battery test • Battery circuit continuity control • Battery voltage control • Battery charge and maintenance control	• AC input voltage presence indication - AC • DC output voltage presence indication - DC • Battery fault indication - APS • EPS FLT output - indicating AC power collapse, OC type • APS FLT output - Battery fault indication, OC type • "Cold Start" function • Dynamic battery test • Battery circuit continuity control • Battery voltage control • Battery charge and maintenance control	• AC input voltage presence indication AC • DC output voltage presence indication DC • EPS FLT output - indicating AC power collapse • EPS FLT output - indicating AC power collapse • PSU output indicating DC voltage loss or power supply unit failure • LoB output - Low battery voltage	...
Housing type	...	...	...	...	Plastic, DIN, TS-35 rail mounting	Plastic, DIN, TS-35 rail mounting	Plastic, DIN, TS-35 rail mounting	Aluminum	Plastic, DIN, TS-35 rail mounting	Plastic, DIN, TS-35 rail mounting	Plastic, DIN, TS-35 rail mounting	...	...
Operation temp	...	...	...	...	...	...	...	...	...	...	...	-10 °C ... 40 °C	...
Weight	1.29 kg	1.29 kg	1.01 kg	1.23 kg	1.18 kg	0.28 kg	0.48 kg	1.17 kg	0.26 kg	0.36 kg	0.4 kg	3.26 kg	0.42 kg
Dimensions	124 x 75 x 65 mm	124 x 75 x 65 mm	124 x 72 x 67 mm	124 x 72 x 67 mm	290 x 100 x 68 mm	79 x 123 x 60 mm	79 x 123 x 90 mm	290 x 100 x 68 mm	106 x 91 x 60 mm, 6 U	176 x 91 x 60 mm, 10 U	176 x 91 x 60 mm, 10 U	403 x 326 x 100 mm	159 x 97 x 30 mm
Manufacturer / Brand	PULSAR	PULSAR	SATEL	SATEL	SATEL	SATEL	SATEL	SATEL	PULSAR	PULSAR	PULSAR	ROGER	ROGER
Guarantee	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	3 years



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