

Code: HPSG3-12V5A-D

BUFFERED SWITCHING POWER SUPPLY ADAPTER **HPSG3-12V5A-D** PULSAR

The buffered power supply adapter is designed to powering control panels, sensors, code locks, cameras, consoles, intercoms and other alarm system equipment.

The buffer power supply is designed in accordance with the requirements of the EN50131-6:2017 (Burglary and Assault Signaling Systems) and EN60839-11-2:2015+AC:2015 (Access Control) standard, grade 1, 2, 3 and II environmental class. The buffer PSU is intended for an uninterrupted supply to devices that require 12V DC (+/-15%).

Please pay attention for proper cooling conditions of the power adaptor during work!



Adapter type:	Switching
Input voltage:	200 V ... 240 V AC
Output voltage:	11.0 V ... 13.8 V (buffer operation) 10.0 V ... 13.8 V (battery operation)
Max. output current (total):	5 A
Battery charging current:	1.8 A
Power:	69 W
Number of outputs:	2
Protections:	<ul style="list-style-type: none"> • Short-circuit • Overload • Overvoltage • Tamper detection - opening the enclosure, removing from mounting surface, • Protection against deep discharge of the battery • Battery output protection against short circuit and reverse polarity connection



DATA SHEET

Adapter operation control:	<ul style="list-style-type: none">• EPS FLT output - indicating AC power collapse• APS FLT output - No battery or fail battery• AC input voltage presence indication AC• DC output voltage presence indication DC• Battery fault indication• Dynamic battery test• Battery circuit continuity control• Battery voltage control• Battery charge and maintenance control
Main features:	<ul style="list-style-type: none">• Efficiency $\leq 86\%$• START function for manual switch to the battery power supply
Supported norms:	<ul style="list-style-type: none">• EN 50131-6:2017, Grade 1+3, Environmental class II• EN60839-11-2:2015+AC:2015, Grade 1+4, Environmental class I• "Index of Protection" : IP44
Place for battery:	12V/40Ah
Max. battery dimensions:	300 x 170 x 170 mm
Operation temp. / Relative humidity:	-10 ... 40 °C / 20 ... 90 %
Weight:	8 kg
Dimensions:	405 x 315 x 185 mm
Manufacturer / Brand:	PULSAR
Guarantee:	2 years