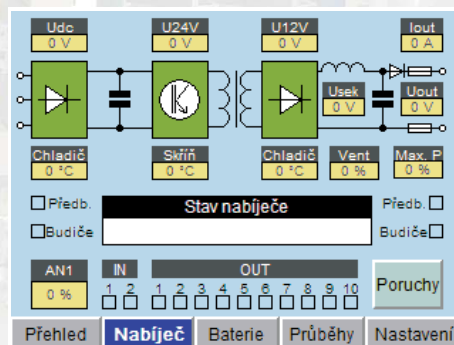


Switching power supply SP-R



Switching chargers of the SP-R series are intended for charging station batteries and supplying DC circuits of nominal voltage 110V and 220V.

- 110V/50A or 220V/25A
- 19" rack
- HMI panel 3"
- programmable outputs
- easy diagnostics and settings
- output current restriction during overheat
- parallel operation up to 16 units
- communication among units
- unit substitution without blackout
- batteries monitoring-capacity test included
- acoustic signaling
- silent operation



Visualization HMI panel



- temperature compensation of charging voltage
- fast charging mode
- charging characteristics I_{U_0} , I_{UU_0} etc.
- for all types of batteries (Pb, Ni-Fe, Ni-Cd)
- fulfill Eurobat norm

Programmable functions overview. Inputs and outputs could be logically inverted.

Logical outputs	Logical inputs
Power supply failure	ON/OFF
Overvoltage	Fast charging start
Under voltage	Resistance of supply wiring measurement
Fuses	External fault
General failure	Acoustic signaling acknowledgement
Over current	
Run	
Acoustic signaling	
Higher voltage charging	
Charging OK	
Lower voltage charging	
Battery overvoltage	
Battery is not charged	
30% capacity left	
10% capacity left	
Battery discharged	
Power disconnection	

Technical parameters of charger basic types overview. The charger could be adjusted precisely for concrete application.

Basic types		
U_{nap}	3x 400/230 V	
f_{nap}	30-70 Hz	
U_n	110 V DC	220 V DC
I_{max}	50A	25A
Parallel operation	YES	
Short circuit protection	YES	
LCD	YES	
Temperature compensation	YES	
Fast charging	YES	
Communication	RS232, RS485	
Logical inputs	2	
Analog inputs	1	
Logical outputs	9 (230 V AC/5 A)	
Operational temperature	-25 to +40 °C	
Protection	IP 20	
Dimension	360 x 484 x 133 mm	
Options		
PT100/PT1000		
3,5" HMI		
Load current measurement		

For detailed technical or commercial queries contact
PEG s.r.o. - www.peg.cz.