

S.USV COMPARISON CHART

	Raspberry Pi Moduls				Asus tinkler Modules			UP Board Modules		
	<i>S.USV pi basic mobile</i>	<i>S.USV pi advanced</i>	<i>S.USV pi advanced mobile</i>	<i>S.USV pi industrial</i>	<i>S.USV tinkler</i>	<i>S.USV tinkler mobile</i>	<i>S.USV tinkler industrial</i>	<i>S.USV UPs</i>	<i>S.USV UPs mobile</i>	<i>S.USV UPs industrial</i>
Plug & Play	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Starting process via battery (mobile)	✓	x	✓	✓	x	✓	✓	x	✓	✓
Primary power supply/ Output power	5 Volt/3500 mA	7-24 Volt/3500 mA	7-24 Volt/3500 mA	7-48 Volt/5000 mA	7-24 Volt/3500 mA	7-24 Volt/3500 mA	7-48 Volt/5000 mA	7-24 Volt/3500 mA	7-24 Volt/3500 mA	7-48 Volt/5000 mA
Fixed Backup Line (backup input to the secured supply)	x	x	x	7-24 Volt/5000 mA	x	x	7-24 Volt/5000 mA	x	x	7-24 Volt/5000 mA
Secondary power supply/ Output power (battery operation)	5 Volt/3500 mA	5 Volt/3500 mA	5 Volt/3500 mA	5 Volt/5000 mA	5 Volt/3500 mA	5 Volt/3500 mA	5 Volt/5000 mA	5 Volt/3500 mA	5 Volt/3500 mA	5 Volt/3500 mA
Interfaces	I ² C, GPIO	I ² C, GPIO	I ² C, GPIO	I ² C, GPIO	I ² C, GPIO	I ² C, GPIO	I ² C, GPIO	I ² C, GPIO	I ² C, GPIO	I ² C, GPIO
ID EEPROM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Monitoring System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LiPo - Battery (300 mAh)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LiFePO4 - Battery (3000 mAh)	x	x	x	✓	x	x	✓	x	x	✓
Battery Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Battery Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Real Time Clock	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Supply Switch	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Customizable	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
External Voltage Monitoring	x	x	x	✓	x	x	✓	x	x	✓
Dynamic Power Tracking	x	x	x	✓	x	x	✓	x	x	✓
Thermal Management	x	x	x	✓	x	x	✓	x	x	✓
Additional +5V/5A Power Output	x	x	x	✓	x	x	✓	x	x	✓
Extended Protection Circuit	x	x	x	✓	x	x	✓	x	x	✓
Watchdog	x	x	x	✓	x	x	✓	x	x	✓
Power Cycle functionality	x	x	x	✓	x	x	✓	x	x	✓
ESD protected 4-channel 10-bit A/D converter	x	x	x	✓	x	x	✓	x	x	✓
Automatic fan switching (optional)	x	x	x	✓	x	x	✓	x	x	✓
Compatibility	All Raspberry Pi models	All Raspberry Pi models	All Raspberry Pi models	All Raspberry Pi models	All Asus tinkler models	All Asus tinkler models	All Asus tinkler models	All UP Board models	All UP Board models	All UP Board models
Dimension	65x56,5 mm	65x56,5 mm	65x56,5 mm	65x56,5 mm	65x56,5 mm	65x56,5 mm	65x56,5 mm	65x56,5 mm	65x56,5 mm	65x56,5 mm



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