

UC: if you need guaranteed D.C. even when mains is down

- *Thyristors technology*
- *Insulation transformer in input (on request 12-pulse)*
- *Automatic and manual battery test*
- *Provision of optional voltage-free contacts*
- *High MTBF (> 150000 h)*
- *Low MTTR (< 0.5 h)*
- *Easy installation and maintenance with full front accessibility*
- *Compact size (customized cabinets on request)*
- *Higher protection degrees on request*
- *Customization for any DC voltage*

The UC power supplies / DC UPS use **thyristors technology**, providing **high reliability under the most difficult operating conditions**, such as lightning and sudden temperature changes.



Technical Data UC series

MODEL	UC-1	UC-2	UC-3	UC-4	UC-5	UC-6	UC-7	UC-8	UC-9	UC-10	UC-11	UC-12	UC-13	UC-14	UC-15	UC-16
Power - kVA	0.5	1	1.5	2	3	4	5	7.5	10	12.5	15	20	25	30	40	50
Input																
Phases	1-Ph / 3-Ph + N															
Voltage	220 / 230 / 240 Vac // 380 / 400 / 415 Vac \pm 20% (100 / 110 / 115 / 120 / 127 Vac // 200 / 208 / 220 / 440 / 480 Vac on request)															
Frequency	50 / 60 Hz \pm 5%															
Output																
Voltage	24 / 36 / 48 / 72 / 110 / 150 / 220 / 400 Vdc															
Ripple	< 2%															
Overload	110% for 1 h															
Batteries	Optional															
Type	Sealed lead-acid (NiCd / Li-Ion / NaNiCl ₂ on request)															
Charge control	Automatic with electronic control															
Stored energy time - min	Upon request															
Protections																
Short-circuit	With electronic protection															
No-fuse breaker	Mains															
Signals																
Led	Mains, output															
Voltmeter	Output															
Ammeter	Output															
Environmental																
Temperature	0°C \div 50°C															
Non-condensing humidity	0% \div 95%															
Noise (at 1 m)	< 40 dBA															
Protection rating	IP20															
UC Dimensions																
W x D x H - mm	400 x 250 x 540		400 x 250 x 640		500 x 250 x 740		600 x 400 x 840		800 x 500 x 1100			800 x 600 x 1300			800 x 800 x 1300	
UC Weight - kg	20	35	45	60	70	80	90	120	140	150	160	200	240	300	340	360
CE Marking	2014/30/EU; 2014/35/EU															
Compliance with the standards	IEC 478-1; IEC 478-2; IEC 478-4															