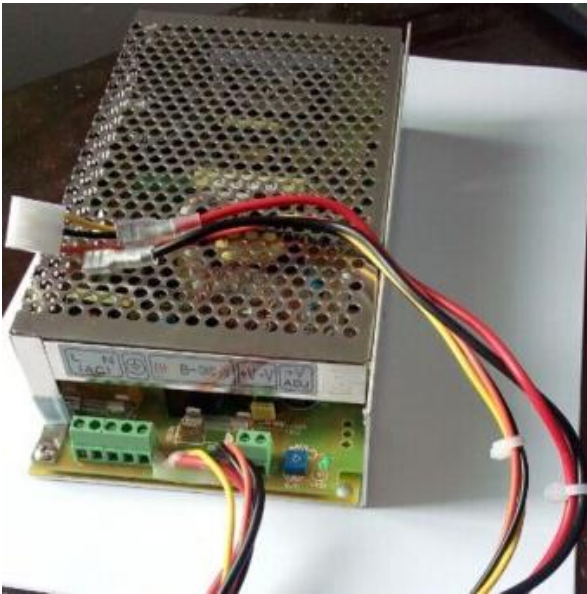


**40W power supply with charger**



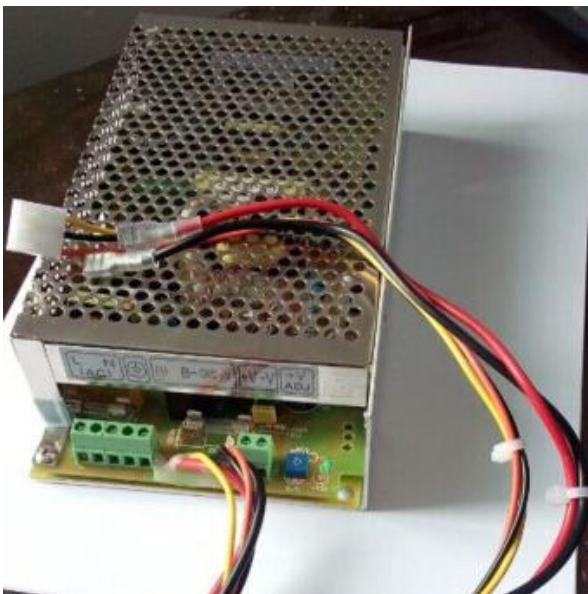
Features: ·200-240VAC

- Small volume, low weight, high efficiency
- Protections:short circuit/over load
- Indicator for power on/charge/electric supply(LED)
- 100% full load burn-in test
- Battery protection at low voltage

Model		CH-40-13.8	
output	DC voltage	CH1:13.8V	CH1:13.4V
	Voltage tolerance	±2%	-----
	Rated current	3.0A	0.35A
	Current range	0~3.0A	-----
	Rated power	42W	
	Ripple&noise	120mvp-p	-----
	DCvoltage ADJ.range	CH1:11.3~14.9V	CH1:21.3~29.8V
	Setup,rise,hold time	800ms,50ms,80ms/230VAC, 1600ms,50ms,16ms/115VAC	
input	Voltage range	90~264VAC, 127~370VDC	
	frequency	47~63HZ	
	AC current	0.9A/115VAC, 0.45A/230VAC	
	efficiency	81%	
	Inrush current	Cold start current 25A/115VAC, 45A/230VAC	
	Leakage current	< 1mA/240VAC	
protection	Over load	Rated output power110%~150% start over load protection protection mode: AC charging mode:hiccup mode auto-recovery after fault condition is removed	
	Battery protection	9.5~11V	
	At low voltage	protection mode:cutoff output	
Function	UPS introduction	long-term online floating charge to battery,high charging efficiency,battery can saturate to more than 90% ,cauto-stop charging when it's full,prevent over charging. Effectively extend battery life,AC/battery auto switch ,no switch time,no need human guard,  cold-start ,when there is no AC input ,can use battery start UPS,Meet the user's emergency needs	
environment	Working temp,humidity	-10℃~+60℃, 20%~90%RH	

	Storage temp, humidity	-20°C~+85°C, 10%~95%RH non-condensing
	Withstand vibration	10~500HZ, 2G 10min/1cycle, period for 60 minutes, each axes
safety	Withstand voltage	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
	Isolated resistance	I/P-O/P,I/P-FG,O/P-FG:100Mohms/500VDC
Fit standard	Safety standard	Compliance to UL60950-1
	EMC standard	Compliance to EN55022, CLASSB
others	Dimension	129*98*38mm (L*W*H)
	Weight	0.35kg

**70W power supply wick charger**



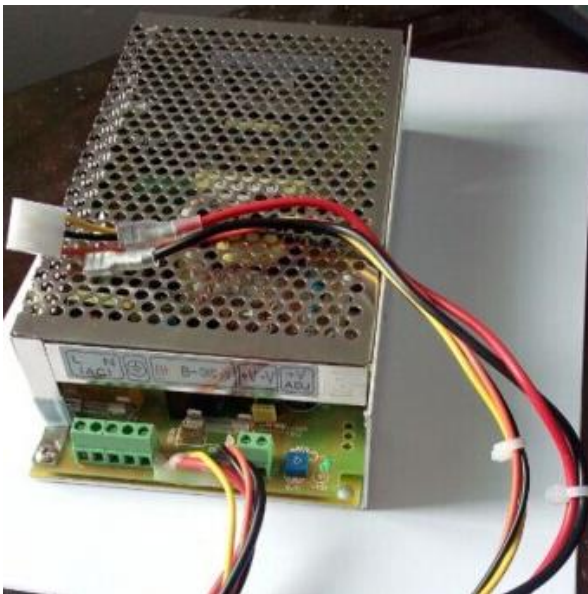
Features: ·200-240VAC

- Small volume, low weight, high efficiency
- Protections: short circuit/over load
- Indicator for power on/charge/electric supply(LED)
- 100% full load burn-in test
- Battery protection at low voltage

Model		CH-70-13.8	
output	DC voltage	CH1:13.8V	CH1:13.4V
	Voltage tolerance	±2%	-----
	Rated current	5.0A	0.5A
	Current range	0~5.0A	-----
	Rated power	70W	
	Ripple&noise	120mvp-p	-----
	DC voltage ADJ.range	CH1:11.3~14.9V	
	Setup, rise, hold time	800ms, 50ms, 80ms/230VAC, 1600ms, 50ms, 16ms/115VAC	
input	Voltage range	90~264VAC, 127~370VDC	
	frequency	47~63HZ	
	AC current	0.9A/115VAC, 0.45A/230VAC	
	efficiency	81%	
	Inrush current	Cold start current 25A/115VAC, 45A/230VAC	
	Leakage current	< 1mA/240VAC	
protection	Over load	Rated output power 110%~150% start over load protection	
		protection mode: AC charging mode: hiccup mode auto-recovery after fault condition is removed	

	Battery protection	9.5~11V
	At low voltage	protection mode:cutoff output
Function	UPS introduction	long-term online floating charge to battery,high charging efficiency,battery can saturate to more than 90% ,cauto-stop charging when it's full,prevent over charging. Effectively extend battery life,AC/battery auto switch ,no switch time,no need human guard,  cold-start ,when there is no AC input ,can use battery start UPS,Meet the user's emergency needs
environment	Working temp,humidity	-10℃~+60℃, 20%~90%RH
	Storage temp,humidity	-20℃~+85℃, 10%~95%RH non-condensing
	Withstand vibration	10~500HZ, 2G 10min/1cycle, period for 60 minutes, each axes
safety	Withstand voltage	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
	Isolated resistance	I/P-O/P,I/P-FG,O/P-FG:100Mohms/500VDC
Fitstandard	Safety standard	Compliance to UL60950-1
	EMC standard	Compliance to EN55022, CLASSB
others	Dimension	159*98*38mm (L*W*H)
	Weight	0.45kg

**140W power supply wick charger**



Features:·200-240VAC

- Small volume, low weight, high efficiency
- Protections:short circuit/over load
- Indicator for power on/charge/electric supply(LED)
- 100% full load burn-in test
- Battery protection at low voltage

Model		CH-140-13.8	
	DC voltage	CH1:13.8V	CH1:13.4V
	Voltage tolerance	±2%	-----
	Rated current	10.0A	1.0A
	Current range	0~10.0A	-----
	Rated power	70W	
	Ripple&noise	120mvp-p	-----

output	DCvoltage ADJ.range	CH1:11.3~14.9V
	Setup, rise, hold time	800ms, 50ms, 80ms/230VAC, 1600ms, 50ms, 16ms/115VAC
input	Voltage range	90~264VAC, 127~370VDC
	frequency	47~63HZ
	AC current	0.9A/115VAC, 0.45A/230VAC
	efficiency	81%
	Inrush current	Cold start current 25A/115VAC, 45A/230VAC
	Leakage current	< 1mA/240VAC
protection	Over load	Rated output power 110%~150% start over load protection protection mode: AC charging mode: hiccup mode auto-recovery after fault condition is removed
	Battery protection	9.5~11V protection mode: cutoff output
	At low voltage	
Function	UPS introduction	long-term online floating charge to battery, high charging efficiency, battery can saturate to more than 90% , auto-stop charging when it's full, prevent over charging. Effectively extend battery life, AC/battery auto switch , no switch time, no need human guard,  cold-start , when there is no AC input , can use battery start UPS, Meet the user's emergency needs
environment	Working temp, humidity	-10°C~+60°C, 20%~90%RH
	Storage temp, humidity	-20°C~+85°C, 10%~95%RH non-condensing
	Withstand vibration	10~500HZ, 2G 10min/1cycle, period for 60 minutes, each axes
safety	Withstand voltage	I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC
	Isolated resistance	I/P-O/P, I/P-FG, O/P-FG: 100Mohms/500VDC
Fit standard	Safety standard	Compliance to UL60950-1
	EMC standard	Compliance to EN55022, CLASS B
others	Dimension	199*110*50mm (L*W*H)
	Weight	0.7kg



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