



Product Name: 4 in 1 Battery Charger

Features:

- . Isolation system
- . Soft-start to reduce in-rush current
- . Output short circuit protection
- . Maximum current restriction
- . Minimum output ripple current
- . Minimum standby current
- . Over-voltage protection
- . Thermal fan auto speed control

Input Voltage	100V / 220V, 2 Step Switch (90 ~ 130Vac / 200 ~ 240Vac)			
Input Frequency	50/ 60Hz			
Current (Without Load)	< 0.1A			
Maximum Output Current	< 15A (under)			
Maximum Efficiency in Maxi. Power	> 80% (above)			
Output Voltage	12V	24V	36V	48V
Maximum Ampere I_{max}	30A	30A	25A	15A
Maximum Output Charging Power	450W	900W	1000W	900W
Average Charging Voltage (V_{blk})	14.7V	29.4V	44.1V	58.8V
Floating Charging Voltage (V_{flt})	13.33V	26.6V	39.9V	53.2V
Protection Function	Short Circuit Protection	OK		
	Reverse Connection Protection	OK		
	Over Thermal Protection	OK		
Voltage / Current Precision	< 5%			
The Longest Floating Charging Time	No Limitation			
Operating Ambiance Thermo	In Full Load : - 20 ~ 60°C			
Operating Ambiance Humidity	Maximum 95% RV , Not Condensing			
Cool System	Automatic adjust Fan according to inner thermo			
Average Thermo in Housing	< 70°C			
Dimensions	300 * 223 * 101 mm Maximum			
Weight	4.5 Kg			