

AC Converter / Battery Charger



Product Features

- Three stage timer-based charging algorithm.
- Most suitable for fast battery charging.
- Operate with wider input voltage range.
- with PFC function.
- High efficiency.
- Highly reliable MOSEFET base design.
- Smart fan control.

Applications



Home Power Supply



Solar Energy Storage



RV



Office Equipment



Engineering Vehicles



Marine

Technical Parameter

CSB AC Converter / Battery Charger						
Model No.	05H / 05L		10H / 10L		20H / 20L	
Rated Power (W)	500W		1000W		2000W	
Battery Voltage	12/24Vdc	36/48Vdc	12/24Vdc	36/48Vdc	12/24Vdc	36/48Vdc
Output Current (A)	37.5/18.75A	12.5/9.375A	75/37.5A	25/18.75A	150/75A	50/37.5A
Display	LED Display / LCD Display (optional)					
AC Input Voltage Range (Vac)	H : 90~286Vac / L :70~145Vac					
Input Type	AC Plug Cord		AC Plug Cord		CSB20L: 3 PIN Terminal Block	
					CSB20H : AC Plug Cord	
AC Input Frequency	40~70Hz					
Charging Efficiency	≥80%					
Operation temperature	0°C ~ 50°C					
Storage temperature	0°C ~ 105°C					
Protection	Over/Under Voltage,Over Temperature,Over Current					
Cooling	Smart fan control (Control by Heat Sink temperature,Charging Current)					
Chasis Material	Iron Chasis / Alu. Chasis					
Optional Accessories / Function	BTS ; Reverse Polarity Protection ; RS232 Comm Module ; Battery 0V Charging ; Rain Shield					
"Product Size (mm) (L x W x H)"	259*134*72.5		259*134*72.5		315*170*83.5	
"Packing Size (mm) (L x W x H)"	346*191*122		346*191*122		415*245*152	
Net Weight (KG)	2.50		2.50		3.50	
Gross Weight (KG)	2.77		2.77		3.92	
Remark	H : Short for High Voltage 220VAC L: Short for Low Voltage 110VAC					

Charge Voltage Select :

Battery Type			12VDC Model		24VDC Model		36VDC Model		48VDC Model	
DIP Switch	SW1	SW2	Bulk	Float	Bulk	Float	Bulk	Float	Bulk	Float
	0	1	12.2	12	24.4	24	36.6	36	48.8	48
	1	0	13.8	13.6	27.6	27.2	41.4	40.8	55.2	54.4
	1	1	14.2	13.6	28.4	27.2	42.6	40.8	56.8	54.4
	0	0	14.4	13.8	28.8	27.6	43.2	41.4	57.6	55.2