

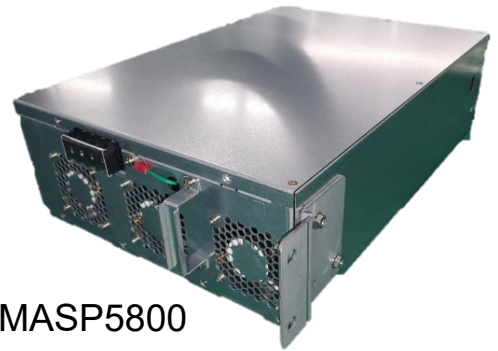
5.8kW Battery Charger “MASP5800”

(under planning)

Light weight/Small Power Supply with Constant Current Limit

Main Features & merits

- Wide variable output voltage: 24Vdc to 64Vdc
- Wide variable output current: 8A to 100A
- Flexible CC/CV output control via CAN
- Parallel operation by 3 units outputs 17.4kW
- Small and light weight
(below 10kg, 27*39*11cm, except protrusions)



MASP5800

Main Applications and Spec.

- Battery Charger
- Renewable energy
- Various Transport equipment charging
- Semiconductor manufacturing equipment
- Various industrial use



Item	Specifications
Input Voltage	3φ3W 200Vac (variation range: 180 to 264Vac)
Input frequency	50/60Hz (variation range: 46 to 64Hz)

Item	Specification	Conditions and remark
Efficiency	90% (typ.)	200Vac input, 58Vdc 100A output
Power Factor	over 0.95	200Vac input, 58Vdc 100A output

Output name	Rated voltage	Rated power	Range of output voltage (CV operation)	Range of output current (CC operation)	Output ripple noise (voltage)	Output spike noise
Main output	58Vdc	5.8kW	24 to 58Vdc 58.1 to 64Vdc	8 to 100A 8 to 90.6A	below 1% [Vp-p] of directed voltage	below 1Vp-p
DC12V	12Vdc	12W	-	1.0A	below 0.12Vp-p	below 0.24Vp-p