

**COOPERTT - DC POWER OUTPUT UNITS****12 ÷ 120 KW. POWER/ 2 ÷ 12 WAY OUTPUT****BASIC SPECIFICATION**

Power rating	27Kw
Power input	3 Phase +Neutral + Earth 300-460V - 50/60Hz
Power output	48-60V DC with auto power regulation
Output zones	4 zone output
Power switching	Solid state
Auxiliary	2 x 110V outlets
Output control	4 x Profiling programmers with proportional control feature
Protections	Short circuit, overvoltage, overload and overtemperature
Safety standard	UL 60950-1 TUV EN 60950-1
Isolation	IP/OP, IP/FG 100mΩ - 500V DC
Unit efficiency	90.5 percent
Unit dimensions	600x640x400mm
Unit weight	48Kg

**Coopertt CC Power Output** is a new product intended for use in the Heat Treatment industry.

The name Coopertt is also our trademark, and, is intended to convey the unit's weight and size advantage when compared to existing equipment currently in use within the heat treatment industry.

The Coopertt CC Output Power is a portable heat treatment power control unit offering the very latest power electronics technology to power electric heating elements for the purpose of on- site pre-heating and post- weld heat treatment operations.

Other industrial thermal heating applications are also possible with the new machine.

The Equipment complies with IMCA (International Marine Contractors Association) safety regulation, Safety Extra Low Voltage and EMC (Electromagnetic Compatibility) standards and .

The units are manufactured as a self contained heat treatment power control units comprising:

- Power electronic modules with integral cooling fans.
- Individual for each outgoing channel o Multichannel Programmer.
- 3 phase power inlet /low voltage outlet sockets & auxiliary outlet sockets
- Thermocouple input sockets
- Power inlet circuit breaker
- Optional: Paperless Recorder from 6 to 18 channels (other options can be manufactured to customer needs or requirements)

**ADVANTAGES**

The Coopertt CC Power Output is make in a wide range of power from 12 to 120Kw and configurations depending upon our clients wishes, the modular design of the power electronics allows possibility multiple individuals control zone with heather from 10 to 56 V. .

**Coopertt CC Power Output advantages are as follows:**

- **AC input, 3 Phase + Neutral + Earth, 340V ≈ 530VAC wide input range**
- **Output voltage can by trimmed between 10 to 56V DC, by external control signal**
- **Output current can by trimmed between 10 to 56V DC, by external control signal**
- **Safer operating according safety extra-low voltage (SELV)**
- **High efficiency up to 91%**
- **Protections: Short circuit, Overload, Over voltage and Over temperature.**
- **HPIT test input to output 3000VAC input & output / ground 1500VAC**