# Low Voltage High Power Selector Guide



#### 7W to 35W 140W to 350W 700W to 750W 1k4W to 1k5W 2k8W to 4k2W HCE77W MCP700 700W **MCP2K8** 2.8kW MCP140 140W **MCP1K4** 1.4kW • 0-125VDC to 0-350VDC output · 0-125VDC to 0-2kVDC floating output · Single phase input · Single phase input · Single phase input · Single phase input · Three phase input · High precision/stability & low ripple · High precision/stability & low ripple · Continuous operation at full rated power · Continuous operation at full rated powe 3U Eurocassette,19" subrack mount . Local & remote control via interface . Local & remote control via interface . Local & remote control via interface Local & remote control via interface · Voltage control by potentiometer · Digital and/or analog programming option · Digital and/or analog programming option · Digital, LAN, USB & analog interfaces · Digital, LAN, USB & analog interfaces • Analog programming/interface · Short circuit & arc protection · Short circuit & arc protection · Arc protection · Short circuit & arc protection **HCE35** 35W NTN140 140W NTN700 700W **NTN1K4** 1.4kW **NTN2K8** 2.8kW 0-125VDC to 0-350VDC output · 0-6.5VDC to 0-65VDC isolated output . 0-6.5VDC to 0-350VDC isolated output . 0-6.5VDC to 0-350VDC isolated output · 0-6.5VDC to 0-350VDC isolated output Single phase input · Single phase input · Single phase input · Single phase input · Two phase input · High precision/stability & low ripple · CV/CC operation with automatic transition · Continuous operation at full rated power • 3U Eurocassette,19" subrack mount Analog programming/interface option Analog programming/interface option Analog programming/interface option Analog programming/interface option Digital, LAN & USB interface options Digital, LAN & USB interface options · Voltage control by potentiometer · Digital, LAN & USB interface options · Digital, LAN & USB interface options · Analog programming/interface · Short circuit & arc protection MCP350 350W MCA1K5 1.5kW MCA3K0 3kW

#### MCP35 35W

- . 0-125VDC to 0-2kVDC floating output
- · Single phase input
- · High precision/stability & low ripple
- · Continuous operation at full rated power
- · Local & remote control via interface
- · Digital and/or analog programming option
- · Short circuit & arc protection



- 0-6.5VDC to 0-65VDC isolated output
- CV/CC operation with automatic transition
- · Continuous operation at full rated power Analog programming/interface option
- · Digital, LAN & USB interface options
- · Short circuit & arc protection



- Single phase input
- · High precision/stability & low ripple
- · Continuous operation at full rated powe
- · Local & remote control via interface
- Digital and/or analog programming option
- · Short circuit & arc protection

- 0-6.5VDC to 0-65VDC isolated output

- · Continuous operation at full rated power
- Analog programming/interface option
- · Digital, LAN & USB interface options
- · Short circuit & arc protection



# MCA750 750W

- . 0-150VDC to 0-400VDC output
- · Autoranging with fixed power limit
- . CV/CC operation with automatic transition
- · Continuous operation at full rated power
- · Local & remote control via interface

- . Short circuit & arc protection

# · Digital, LAN, USB & analog interfaces

- 0-150VDC to 0-400VDC output
- · Autoranging with fixed power limit
- CV/CC operation with automatic transition
- · Continuous operation at full rated power
- · Local & remote control via interface
- . Digital, LAN, USB & analog interfaces

- · Short circuit & arc protection

# · Continuous operation at full rated power

· Local & remote control via interface

• 0-150VDC to 0-400VDC output

· Autoranging with fixed power limit

- Digital, LAN, USB & analog interfaces
- · Short circuit & arc protection

### **NTN4K2** 4.2kW

. 0-6.5VDC to 0-350VDC isolated output

CV/CC operation with automatic transition.

- · Three phase input
- CV/CC operation with automatic transition

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- · Continuous operation at full rated power
- Analog programming/interface option
- · Digital, LAN & USB interface options
- · Short circuit & arc protection

















# 5kW to 7kW

# 9kW to 10k5W

# 14kW to 21kW

# 70kW to 100kW

# MCP5K0 5kW

- 0-125VDC to 0-2kVDC floating output
- · Three phase input
- High precision/stability & low ripple
- · Continuous operation at full rated power
- . Local & remote control via interface
- · Digital and/or analog programming option
- Arc protection

# MCA9K0 9kW

- 0-150VDC to 0-400VDC output
- · Autoranging with fixed power limit · CV/CC operation with automatic transition
- Continuous operation at full rated power
- · Local & remote control via interface
- · Digital, LAN, USB & analog interfaces
- · Short circuit & arc protection



# **NTN14K0 14kW**

- · 0-6.5VDC to 0-350VDC isolated output
- Three phase input
- CV/CC operation with automatic transition
- · Continuous operation at full rated power
- Analog programming/interface option Digital, LAN & USB interface options
- · Short circuit & arc protection



# NTN28K0 28kW

. 0-125VDC to 0-350VDC floating output

28kW to 50kW

- · Three phase input
- High precision/stability & low ripple
- · Continuous operation at full rated power
- Local & remote control via interface · Digital, LAN, USB & analog interfaces
- Arc protection



### **NTN70K0** 70kW

- · 0-35VDC to 0-350VDC isolated output
- · Three phase input
- CV/CC operation with automatic transition.
- · Continuous operation at full rated power
- Analog programming/interface option
- · Digital, LAN & USB interface options
- · Short circuit & arc protection

# MCA6K0 6kW

- 0-150VDC to 0-400VDC output
- · Autoranging with fixed power limit
- · CV/CC operation with automatic transition
- · Continuous operation at full rated power
- · Local & remote control via interface . Digital, LAN, USB & analog interfaces
- · Short circuit & arc protection



# MCP10K0 10kW

- · 0-125VDC to 0-2kVDC floating output Three phase input
- · High precision/stability & low ripple
- · Continuous operation at full rated power
- Local & remote control via interface · Digital and/or analog programming option
- · Arc protection



# MCP15K0 15kW

- . 0-125VDC to 0-2kVDC floating output Three phase input
- · High precision/stability & low ripple
- · Continuous operation at full rated power
- · Local & remote control via interface
- · Digital and/or analog programming option
- Arc protection



# NTN35K0 35kW

- . 0-6.5VDC to 0-350VDC isolated output
- · Three phase input · CV/CC operation with automatic transition
- · Continuous operation at full rated power
- Analog programming/interface option
- Digital, LAN & USB interface options





# NTN100K0 100kW

- · 0-125VDC to 0-350VDC isolated output
- Three phase input
- · CV/CC operation with automatic transition
- · Continuous operation at full rated power
- Analog programming/interface option
- · Digital, LAN & USB interface options
- · Short circuit & arc protection



#### NTN7K0 7kW

- 0-6.5VDC to 0-350VDC isolated output
- · Three phase input
- CV/CC operation with automatic transition
- Continuous operation at full rated power
- · Analog programming/interface option . Digital, LAN & USB interface options
- · Short circuit & arc protection



### NTN10K5 10.5kW

- 0-6.5VDC to 0-350VDC isolated output
- Three phase input
- CV/CC operation with automatic transition
- · Continuous operation at full rated power
- Analog programming/interface option
- Digital, LAN & USB interface options · Short circuit & arc protection



### **NTN21K0** 21kW

- 0-6.5VDC to 0-350VDC isolated output
- Three phase input · CV/CC operation with automatic transition
- · Continuous operation at full rated power
- Analog programming/interface option
- . Digital, LAN & USB interface options · Short circuit & arc protection



### NTN50K0 50kW

- 0-12.5VDC to 0-200VDC isolated output
- Three phase input
- · CV/CC operation with automatic transition
- Continuous operation at full rated power
- Analog programming/interface option
- Digital, LAN & USB interface options
- · Short circuit & arc protection

