


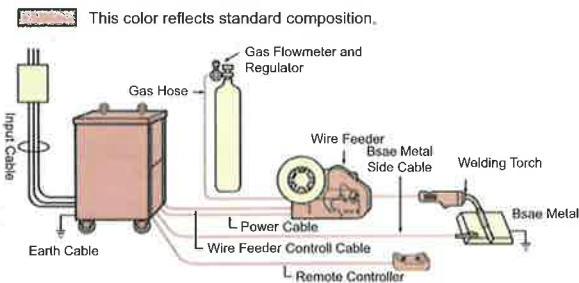
NEW

PRODUCT FEATURES

- ◎ **IGBT**
Full Digital IGBT Inverter Control technology, gives best welding current waveform control of CO₂/MAG arc phenomenon, results low spatter welding.
- ◎ **EASY OPERATION**
Less Buttons, Easy to Operate.
- ◎ **DIGITAL SETTING**
All settings are digital operation
- ◎ **WELDING CONDITION STORAGE FUNCTION**
Up to 30 welding conditions can be stored, 10 regular used conditions can be read and operate from remote control box.
- ◎ **SAVING ENGERGY**
 After stop welding a certain pe iod of time, fan and flow-meter heater will aut m tically stop which save energy.
- ◎ **NUMEROUS INTERNAL FUNCTION**
Initial condition / Penetration control / Anti stick time and voltage adjustment / Pre-flow and Post-flow time adjustment / Up slope and Down slope time adjustment
- ◎ **CONNECT TO AUTOMATIC MACHINE**
Optional Terminal for connecting automatic machine.
- ◎ **OPERATION LOCK FUNCTION**
With key lock function, prevent unintentional operation that may change preset welding conditions.
- ◎ **PASSWORD LOCK FUNCTION**
With password function to lock welding conditions.



Connection Diagram



Input Power Capacity and Cable specification

ITEM	CPVE-400	CPVE-500
Power Source Voltage	380V or 415V $\pm 10\%$	380V or 415V $\pm 10\%$
Phase	3Ph	3Ph
Frequency	50/60Hz	50/60Hz
Input Power Capacity	18.9 KVA / 15.5 KW	26.1 KVA / 21.9 KW
Fuse / Breaker Capacity	40A	50A
Input Side Cable	More than 6 mm ²	More than 10 mm ²
Wire Feeder Side Power Cable	More than 50 mm ²	More than 70 mm ²
Base Metal Side Power Cable	More than 60 mm ²	More than 70 mm ²
Earth Cable	More than 6 mm ²	More than 10 mm ²

Standard Composition and Specifications

Welding Power Source	CPVE-400	CPVE-500
Rate Input Voltage	380V or 415V $\pm 10\%$	380V or 415V $\pm 10\%$
Phase	3Ph	3Ph
Frequency	50/60Hz	50/60Hz
Rate Output Current	400A	500A
Rate Output Voltage	34V	39V
Gas	CO ₂ / MAG	
Wire Type	Solid Wire, Flux-Cored Wire	
Rate Input	18.9 KVA / 15.5 KW	26.1 KVA / 21.9 KW
Rate Input Current	20.5 A	36.3 A
Range of Output Current	30 - 400 A	30 - 500 A
Range of Output Voltage	12 - 45 V	12 - 50 V
Rated Duty Cycle	60%	100%
Max. no-load Voltage	72 V	77 V
Memory	30	30
Insulating Level	H Level	H Level
Dimension (WxDxH)	345x632x580(mm)	345x632x580(mm)
Weight	55 Kg	61 Kg
Wire Feeder	CMXL-2301	
Welding Torch	WT3510-SD	WT5000-SD
Power Cable	BKPT-5002	BKPT-7002

Standard Accessories

Name	Specification	Quantity	Remark
Analog remote control	P30092Z00	1	
Hex wrench	M8	1	For output terminal screw
Heat-shrink tube	40mm	2	For terminals of output cables
Glass fuse	10 A, 250 V	1	For circuit board P30066Q
Glass fuse	2 A, 250 V	1	for circuit board P30066Q
Ceramic fuse	4 A, 500 V	1	F2

User-friendly Control Panel



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