

CHAMP 135 / CHAMP 165 / CHAMP 203 / CHAMP 253

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APPLICATIONS

- The range of Efficient welding rectifiers for light to heavy duty fabrication and maintenance welding applications both within shopfloor and at project sites
- Ideal choice for structural and maintenance welding, where machines have to be used near to the welding points at some heights, because of their lightness and compact size
- Applications where spatterless good quality welding is desired with good weld bead finish
- Best recommended for applications and shopfloors where energy costs are very high and critical

SALIENT FEATURES

- World class, High frequency IGBT based PWM inverters for welding applications
- World class Energy efficient welding rectifiers with high power factor and high efficiency - Champ 165/Champ 203 saves 30% more energy than conventional welding inverters available in the market
- Light weight and compact welding rectifiers - easy to carry and mobilise on shopfloor or project sites
- Wide range of welding rectifiers to suit different supply conditions. Champ 135 / Champ 165 / Champ 203 are for single phase supply and Champ 253 for three phase supply
- Compatible for power generator supply
- Arc force Hot start adjustments possible on Champ 253
- Hot start feature provided as standard on all models
- Digital display available on selected models
- TIG welding possible with lift arc technique



BRIEF SPECIFICATIONS:

MODELS	UNIT	CHAMP 135	CHAMP 165	CHAMP 203	CHAMP 253
Supply voltage	Volt	240	90-270	90-270	415
Phase	No	1	1	1	3
Input KVA @ 100% Duty cycle	KVA	3.5	2.8	2.8	7
Welding current range	Amp	10-130	10-160	10-200	20-250
Open circuit voltage	Volt	64	72	72	72
Welding current/volts @ 25% Duty cycle	Amp	NA	NA	200	NA
Welding current/volts @ 40% Duty cycle	Amp	130	160	NA	200
Welding current/volts @ 60% Duty cycle	Amp	100	NA	NA	200
Welding current/volts @ 100% Duty cycle	Amp	80	80	80	160
Class of Insulation	Class	F	F	F	F
Type of cooling	Type	Forced Air	Forced Air	Forced Air	Forced Air
Dimensions	mm	371x153x232	410x140x230	410x140x230	490x250x400
Weight (approx.)	Kg	8.0	7.9	8.0	18.5



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ADOR WELDING LIMITED
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