



ES Series water proof Inverter MMA Welder



ES-301



ES-351 S



ES-401 S

Accessories for ES - 301



WATER PROOF
&
100% DUST PROOF

Accessories for ES-351S & ES-401S



Main technical parameters:

Model	ES-301	ES-351 S		ES-401 S	
Input power voltage(V)	AC230V $\pm$ 10%	AC230V $\pm$ 10%	415V*2P $\pm$ 10%	AC230V $\pm$ 10%	415V*3P $\pm$ 10%
Input power voltage range (V)	110-280V	120 - 550V		120 - 550V	
Frequency(Hz)	50/60	50/60		50/60	
Rated input capacity(KVA)	7.5	6	8.5	7	11
Rated input current(A)	34	27	22	32	20
Welding output voltage (V)	75	78	70	78	70
Safe no-load voltage(V)	13.5	13.5	13.5	13.5	13.5
Duty cycle at 25°C(%)	60% @ 250A 100% @ 150A	60% @ 300A 100% @ 170A		60% @ 400A 100% @ 210A	
Current adjusting range(A)	20-250A	20-300A		20-400A	
Voltage adjusting range (V)	20.8-27.6V	20.8-27.6V		20.8-31.6V	
Efficiency(%)	85%	85%		85%	
Insulation class	F	F		F	
Case protection degree	IP 23	IP 23		IP 23	
Overall dimension(mm)	350 x 172 x 290	370 x 172 x 290		465 x 220 x 365	
Weight(kg)	6.8	7.5		14	
Suitable electrode rod (mm)	2.0/3.15/4.0	2.0/3.15/4.0		2.0/3.15/4.0	