

## High Energy Battery Operated Portable Igniter - Model XE18PB06



Fitted with internal  
12 V 7.2 Ah  
rechargeable battery  
and built-in  
automatic charger



TESI's portable ignition unit is designed to ignite burners without an individual pilot torch or electrode assembly.

The high energy portable unit is also ideal in an emergency situation. For instance, if the main burner's ignition unit fails, the Tesi unit can ignite the burner without needing to be linked to the main power supply.

The unit delivers an output energy of 18 Joules/s Suitable to ignite heavy oils and is not affected by dust, crust, or humidity.

### TECHNICAL DATA

#### POWER SUPPLY UNIT

INPUT VOLTAGE:	12 Vdc
OUTPUT VOLTAGE:	1400 Vdc
OUTPUT ENERGY (per Spark):	18 J
SPARK RATE:	4 Sparks/second
INPUT POWER:	80 W

#### BATTERY CHARGER

INPUT VOLTAGE:	115 or 230 Vac @ 50 Hz
RECHARGE OUTPUT VOLTAGE:	13.5 Vdc

#### ENCLOSURE

PROTECTION CLASS:	IP65
MATERIAL:	Aluminium Alloy
DIMENSIONS:	344x272x110
WEIGHT:	5,7 Kg

DATA SUBJECT TO CHANGE WITHOUT NOTICE



**IGNITER**

Stainless steel construction  
Operating temperature 760°C (1000°C Max)  
Weight: 0.8 Kg for each meter of length  
Length customizable based on customer specification  
HE tip is easily replaceable  
Diameter 17 mm (12/14 mm upon request)  
Rubber handle 150 mm (std) or optional 90° handle.  
Optional adjustable stopping flange.



**CONNECTION CABLE**

Flexible stainless armoured cable  
External PVC insulation  
½" NPT straight fittings  
Operating temperature of -20°C to +50°C  
Weight: 0.4 Kg for each meter of length  
Length customizable based on customer specification

XE18PB06en Rev.01



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