

## 6 Seater AC Shuttle

### Introduction:

This unit easily handles 6 people either as a hotel shuttle, or transport around the estate or resort, making it one of the most cost effective and versatile transports in the traditionally golf styled range. This cart features the 48 Volt Curtis 1236 AC controller, Trojan T105 batteries, 5kW AC motor and can be optionally supplied with Battery Watering System or Li-Ion maintenance-free batteries.



|  |                           |
|--|---------------------------|
| <b>Model: Melex 48V 6 Seater AC Shuttle</b>        |                           |
| Battery  | <b>8 X Trojan T105 6V</b> |
| Motor  | <b>5KW AC</b>             |
| Controller   | <b>Curtis 1236</b>        |
| <b>General Specifications:</b>                     |                           |
| Passenger capacity                                 | 6                         |
| Range based on flat road at a speed of 20km/h (km) | 60Km +                    |
| Max. speed (km/h)                                  | 40                        |
| Minimum turning radius (m)                         | 4.5                       |
| Max. climbing ability (loaded)                     | 20%                       |
| Max. movement after brake                          | ≤4m                       |
| Overall dimensions                                 | 3710x1200x1850mm          |
| Max. loading weight                                | 475kgs                    |
| Net weight   | 710kgs                    |

| <b>Configurations: "S" stands for Standard configuration and "O" stands for Optional configuration</b> |   |   |
|--|---|---|
| <b>PART DESCRIPTIONS</b>   | <b>REMARKS</b>  |   |
| Body   | Steel framework + plastic front body + fiberglass rear body   | S |
| Roof   | injected plastic  | S |
| Windshield   | one-piece Organic glass   | S |
| Windshield, hinged   | \   | S |
| Large Seats:   |   |   |
| 1) backrest and cushion  | Rebond seat + artificial leather  | S |
| 2) armrest   | Formed  | S |
| 3) plastic seat bottom   | \   | S |
| Floor  | rubber  | S |
| Center storage basket  | Large volume  | S |
| Golf bag holder  | \   | S |
| Dashboard in black plastic finish  | forward/reverse switch, battery capacity indicator, ignition key  | S |
| Beverage holders   | 4 cups drink holders  | S |
| Lighting system and horn   | 2 headlights, 2 front turn signals, 2 taillights( each combined 1 brake light with 1 turn signal), with DC-DC converter (converting from 48V to 12V), horn. | S |
| Glove box  | \   | S |
| Side trim  | stainless steel   | S |
| Score card holder  | on steering wheel   | S |
| Towing bracket   | on front of golf car  | S |
| Battery tray   | to protect the battery liquid touching the frame  | S |
| Motor  | 5Kw std, 4Kw optional   | O |
| Battery  | see above   |   |
| Controller   | see above   |   |
| Steering system  | Single-stage rack and pinion steering system, automatic rocker compensating function  | S |
| Brake system   | 4-wheel hydraulic brake and regenerative  | S |
| Accelerator  | Stepless speed change   | S |
| Suspension system  | Front and rear plate spring + cylinder hydraulic shock absorber   | S |
| Driving mode   | Rear axle two stage deceleration, motor direct driving  | S |
| Rear axle  | Gear ratio 12.49:1  | S |
| Tyre   | 205*50-10 4PR (together with 10*7 Steel wheel)  | S |
| Reversing alarm  | \   | S |
| Wheel cap for 10" wheel  | \   | S |

**ACCESSORIES:**

|                  |  |   |
|------------------|--|---|
| Charger          | 240V~50Hz-60Hz, output 48V, 25A High Frequency | S |
| On board charger | On-Board Mount                                 | S |